

19980401.qrp v01\_n047.qrs.980401

Date: Wed, 1 Apr 1998 19:03:25 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 1047

QRP-L Digest 1047

Topics covered in this issue include:

- 1) [7305] qrp-portable antennas  
by "Thaire Bryant" <tbry37@ici.net>
- 2) [7306] Re: AZ Hound Report  
by Brian Kassel <bkassel@dancris.com>
- 3) [7307] foxhunt finals  
by af852@rgfn.epcc.edu (William R Colbert)
- 4) [7308] Re: Fox hunt season closes  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 5) [7309] Re: Fox hunt season closes  
by Joe Gervais <vole@primenet.com>
- 6) [7310] AL7FS Iowa experience + SF, CA in May.  
by "Larsen, Jim" <JLarsen@alascom.att.com>
- 7) [7311] Elmer101: FAQ updated  
by Michael Maiorana <mikemo@ibm.net>
- 8) [7312] Beta Kits  
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 9) [7313] Snagged - 1 SW40+  
by Mark Kesner <marklori@visuallink.com>
- 10) [7314] Got 'em all!  
by N9DD <N9DD@aol.com>
- 11) [7315] Re: NN1G, WJ2V, and K5FO SW-40+  
by Roger Hightower <n7kt@earthlink.net>
- 12) [7316] Tuesday 40+s  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 13) [7317] Wow!--A 3-in-1 Nite :-)  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 14) [7318] SW-40+ session  
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 15) [7319] SWL 40+ report  
by PDouglas12 <PDouglas12@aol.com>
- 16) [7320] QSL manager for ZS9F  
by joel malman <malman@world.std.com>
- 17) [7321] Looking for the SW-40+ Crew - Skunked in Texas  
by "KA5T Larry Wise" <lewise@inetport.com>
- 18) [7322] Re: Fox hunt season closes  
by Tim Ahrens <tahrens@inetport.com>
- 19) [7323] AEA CK-1 Keyer Info

- by mikepaul@juno.com (Michael R. Paul)
- 20) [7324] SW-40+ QSO  
by gsurrency@juno.com (Gary L Surrency)
- 21) [7325] Re: RS Frequency Counter Wanted  
by Monte Stark <ku7y@dri.edu>
- 22) [7326] Fox hunt season closes  
by "Timothy J. Pettibone" <tpettibo@nmsu.edu>
- 23) [7327] Fluke 85 RF-probes  
by "Brian Jones" <brian\_jones@uk.ibm.com>
- 24) [7328] The Cuban "Islander" Rig de C02KK  
by Paul Harden <pharden@aoc.nrao.edu>
- 25) [7329] test equipment homepage, again.  
by Phil <k6ls@prolynx.com>
- 26) [7330] Test... Do Not Read...  
by Bruce Hopkins - KL7JAF <kl7jaf@polarnet.com>
- 27) [7331] Fox Report - NN1G  
by Bensondj <Bensondj@aol.com>
- 28) [7332] MIZUHO info and NC38S status from JA.  
by JUNICHI NAKAJIMA <nakaji@crl.go.jp>
- 29) [7333] New Country  
by Ward Hill <w\_hill@ns.net>
- 30) [7334] SW40+ : Got 2 of 3 with SW40 !  
by "Mark S. Adams" <msadams@acsu.buffalo.edu>
- 31) [7335] Elmer 101; Special once in a lifetime, on the air event.  
by "Doyle, Ron" <doyler@UH2297P01.DAYTONOH.ncr.com>
- 32) [7336] Rats! and Foxii  
by Bob Hightower <ki7mn@dancris.com>
- 33) [7337] Re: Advice on new rig,Yaesu 920??  
by "Paul R. Valko" <prvalko@oakland.edu>
- 34) [7338] 40+ night  
by "Rattray, Bruce" <Rattray@siast.sk.ca>
- 35) [7339] Elmer101 / SW-40+ Enclosures  
by Bensondj <Bensondj@aol.com>
- 36) [7340] HELP! Email Bombs from bjsservices.com!  
by Joe Gervais <vole@primenet.com>
- 37) [7341] Re: HELP! Email Bombs from bjsservices.com!  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 38) [7342] Re: HELP! Email Bombs from bjsservices.com!  
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 39) [7343] Re: HELP! Email Bombs from bjsservices.com!  
by Michael Maiorana <mikemo@ibm.net>
- 40) [7344] Re: Fox Report - NN1G  
by Ed Loranger <we6w@qsl.net>
- 41) [7345] No SW-40+ heard in the MWV...  
by KB0VCC/1 <kb0vcc@rocketmail.com>
- 42) [7346] FW: Ant question: 40m dipole fed w/ twin lead won't tune  
by "Buck, Preston D" <BuckPD@corning.com>
- 43) [7347] Re: Wow!--A 3-in-1 Nite :-)

by Ed Loranger <we6w@qsl.net>  
44) [7348] Re: Fox Report - NN1G  
by Roger Hightower <n7kt@earthlink.net>  
45) [7349] QRP TTF from Cuba  
by Kent Torell <torell@sicom.com>  
46) [7350] Bill, "? my accuracy"  
by jdenison@morelr.com (JOEL DENISON)  
47) [7351] NAB  
by sholisky@ktca.org (Scott Holisky)  
48) [7352] Bouncing mail  
by Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>  
49) [7353] Tuna Tin 2 Dustcover  
by "Dennis Payton" <dpayton@fwi.com>  
50) [7354] HW9 station  
by "J. Mullis" <jmul@iland.net>  
51) [7355] SWL 40+ Report  
by "David Bixler" <DBIXLER@hs.seneca.k12.mo.us>  
52) [7356] Re: SWL 40+ Report  
by Roger Hightower <n7kt@earthlink.net>  
53) [7357] FS: Exc. cond Wilderness Sierra w/80 and 40m + KC-2  
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>  
54) [7358] Slowing bug down  
by Ken Knecht <kenk@primenet.com>  
55) [7359] NorCal's April Meeting  
by Jerry Parker <jparker@fix.net>  
56) [7360] Re: SWL 40+ Report  
by Ed Loranger <we6w@qsl.net>  
57) [7361] Re: Slowing bug down  
by Ed Loranger <we6w@qsl.net>  
58) [7362] Re: NAB  
by Kent Torell <torell@sicom.com>  
59) [7363] Re: SWL 40+ Report  
by Ed Loranger <we6w@qsl.net>  
60) [7364] Re: HELP! Email Bombs from bjsservices.com!  
by KC5TJA <kc5tja@topaz.axisinternet.com>  
61) [7365] BUGS, GM-15  
by tom whalen <whalen@swcp.com>  
62) [7366] Re: NAB  
by "James R. Johns" <jrjohns@mail90.mitre.org>  
63) [7367] SW-40 stupid question of the day  
by Mighty Mik <mitymik@hooked.net>  
64) [7368] Re: BUGS, GM-15  
by Ed Loranger <we6w@qsl.net>  
65) [7369] slowing ug down  
by ac5ez@webtv.net (Larry B)  
66) [7370] slow bugs  
by ac5ez@webtv.net (Larry B)  
67) [7371] Re: slowing ug down

- by Monte Stark <ku7y@dri.edu>
- 68) [7372] Bug Weights  
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 69) [7373] New Country, H40AA  
by Monte Stark <ku7y@dri.edu>
- 70) [7374] swl rpt on swl-40  
by jim <kw3u@warwick.net>
- 71) [7375] How to lower power on Alinco DX-70?  
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 72) [7376] QRPTTF Operator Hit List/Ops Wanted  
by Joe Gervais <vole@primenet.com>
- 73) [7377] FS: 38 Special / Ten-Tec ARG0 556 / HTX-100 / etc...  
by Bruce Hopkins - KL7JAF <kl7jaf@polarnet.com>
- 74) [7378] Re: Bug Weights  
by Vic Rosenthal <rakefet@rakefet.com>
- 75) [7379] Re: QRPTTF Operator Hit List/Ops Wanted  
by Bob Patten <n4bp@bc.seflin.org>
- 76) [7380] Re: QRPTTF Operator List  
by "David Bixler" <DBIXLER@hs.seneca.k12.mo.us>
- 77) [7381] Shack Cleaning  
by "Barnaby J.O'Leary" <barnaby@ap.net>
- 78) [7382] Re: Slowing bug down  
by Mike - W0TMW <crucis@sky.net>
- 79) [7383] qrpp with Icom 706MK II  
by Tim Ahrens <tahrens@inetport.com>
- 80) [7384] Elmer101: Chebyshev 5-element Filters  
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 81) [7385] Re: Elmer101: Chebyshev 5-element Filters  
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 82) [7386] Elmer 101- Kits are shipping  
by Bensondj <Bensondj@aol.com>

-----

Date: Tue, 31 Mar 1998 18:58:54 -0500  
From: "Thaire Bryant" <tbry37@ici.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [7305] qrp-portable antennas  
Message-ID: <199803312359.SAA18260@bajor.ici.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi Gang, I've been reading to notes on qrp-portable antennas, and had to put in a plug for my favorite: (From QRP Quarterly, Oct, 1989) "The KISS Antenna by Fred Bonavista, W5QJM. Great 10-40 meter antenna. two - 33' 6" legs (No. 22 stranded speaker wire) fed with about 25' of 450-ohm ladder line. I've

used it all over the Caribbean with great results.

Also, QRP Quarterly April, 1993 has an artical by NG1G, Jack  
Frake on "The Talking Staff" antenna. 73 Thaire W2APF

-----  
Date: Tue, 31 Mar 1998 17:50:27 -0800  
From: Brian Kassel <bkassel@dancris.com>  
To: Floyd Smithberg <flydnq7x@primenet.com>  
Cc: Joe Gervais <vole@primenet.com>, azqrp@dancris.com, qrp-1@Lehigh.EDU  
Subject: [7306] Re: AZ Hound Report  
Message-ID: <35219D63.7EDD@dancris.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Floyd Smithberg wrote:

> So what do we do now? :-)  
> >  
> Got my HP200 set up with TR for QRP contesting. Anybody besides Mike, Brian  
> and Me  
> interested in doing a little Club Contesting...CU all Sat at the LUBY LAIR.

We talked about this before, but...  
How about a multi-QRP: entry in some contest, maybe even FD.  
You know 3 or more transmitters, we could use NQ7RP callsign.  
Maybe we could do a little testing beforehand and throw together  
some simple filters so as to avoid desense etc.  
The S&S radios, with their diode mixers, would probably be  
reasonably immune without any special measures.  
Maybe even other non-602 radios would be OK to use too.

Just a thought....

--  
Brian Kassel W5VB0  
ARCI # 3623  
Phoenix AZ ScQRPions

-----  
Date: Tue, 31 Mar 1998 18:11:19 -0700 (MST)  
From: af852@rgfn.epcc.edu (William R Colbert)

To: qrp-1@Lehigh.EDU  
Subject: [7307] foxhunt finals  
Message-ID: <199804010111.SAA13878@rgfn.epcc.edu>

I Just want to congratulate the winners for their superior efforts and all of the participants - so many this time around it really made the effort more like chasing rare dx and catching the little critter a turxxxxx true achievement. I did not have many but sure enjoyed getting in the fray. Thanks again Chuck for your sponsorship and support. Congratulations also to all those that upgraded during the hunt season.

73 Ray

--

Ray Colbert, W5XE  
OOTC 3618, SOWP 1064M  
El Paso, Tx (Far West Texas)

-----  
Date: Tue, 31 Mar 1998 20:33:55 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: "INTERNET:vole@primenet.com" <vole@primenet.com>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>  
Subject: [7308] Re: Fox hunt season closes  
Message-ID: <199803312036\_MC2-388E-C063@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Joe:

Well I would be interested in seeing Tim get credit for being a FOX :-). Many may not realise that the FOXes themselves actually miss \*two\* opportunities to add to their personal pelt totals.

Tim is a fellow Fox-Nabber (along with Dave W0CH). Missing pelts potentially penalised our 3-QRPer FOX hunting team by 4, as well as Tim and me by 2 each personally. There seems to be no equitable way to resolve this, obviously. But it certainly can affect the FOXes' individual pelt scores. No complaints, just a point of interest.

Thanks for pointing this out. Serving as a FOX has its own rewards, of course, and I hope Chuck will invite me back (fingers crossed).

Good luck to you and EVERYONE in the hunt tonight for The Three Foxkateers! Can hardly wait to hear the new lil rigs, as well as the keening of the hounds one last time.

72/73,

--Doc Lindsey/K0EVZ                Rochester, MN--Home of the Mayo Clinic.  
MWBC  
519-16th Street SE  
Rochester, MN 55904  
507/289-5108 (eves)

P.S. Would the meals include airfare to Arizona?!

-----  
Date: Tue, 31 Mar 1998 18:56:19 +6500 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: 70511.3041@compuserve.com (Wilford D. Lindsey)  
Cc: qrp-l@Lehigh.EDU  
Subject: [7309] Re: Fox hunt season closes  
Message-ID: <199804010156.SAA20102@usr06.primenet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

Howdy,

Doc (K0EVZ) wrote:

>  
> Thanks for pointing this out. Serving as a FOX has its own rewards, of  
> course [ ... ]

Like the groupies! You guys get groupies, right? :-)

> Good luck to you and EVERYONE in the hunt tonight for The Three  
> Foxkateers! Can hardly wait to hear the new lil rigs, as well as the  
> keening of the hounds one last time.

Too bad I've gotta miss out - stuck at the office. :-(  
Maybe if I stopped reading QRP-L I'd get out of here  
faster.... ;-)

> Rochester, MN--Home of the Mayo Clinic.

Phoenix, AZ -- Home of the Mayo and Ham Sandwich.

> P.S. Would the meals include airfare to Arizona?!

Either that or I could just send a big package of pork rinds and Red Vines out to y'all, and we could run a Fox Net while we ate together. :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's hard to be unhappy when you have warm feet."

- Dave Rose, Fellow Snow Camper

-----

Date: Tue, 31 Mar 1998 17:18:04 -0900

From: "Larsen, Jim" <JLarsen@alascom.att.com>

To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>

Cc: "'jeanettegl@hotmail.com'" <jeanettegl@hotmail.com>

Subject: [7310] AL7FS Iowa experience + SF, CA in May.

Message-ID: <EAAF194D47B2D11189E6006097E5893A077748@alascomexca.alascom.att.com>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Greetings from Alaska,

I was in Atlantic, Iowa for the last 10 days. I took my QRP+ and 85 foot wire with me. During that time I did a bit of tuning around. I also was able to use my Mother's station (KA0NMO, Jeanette) with a beam at 40 feet and a Kenwood TS120S.

I had fun. I worked Anchorage, Alaska with the QRP+ and wire on the AK QRP weekend. I also worked N4ROA in VA and N5GW in MS. However.....

I will not be so quick to call CQ on 14.060-14.065 and above. I HAD NO IDEA how bad it was down there! If I so much as "think" I hear another mode down in the noise level, I am going to squeeze on down in frequency as I know I will not get through.

My one question is: Has an unofficial alternate frequency developed out of need on 20 meters? I am tempted to jump down to 055 or a bit lower as the FISTS group have 055-060 in use much of the time. (BTW, I just received my FISTS #4666).



Well, that's it for now. Please, please do not start a thread on the evils of the other digital modes. Just comment on unofficial frequencies if they exist.....and thanks.

73,  
Jim  
AL7FS  
Anchorage, Alaska

P.S. I will be in San Francisco May 6 (late Wednesday) to May 10 (Sunday) for a class. Are there any QRP activities during that period? I will be at the Holiday Inn Golden Gateway, 1500 Van Ness Ave, SF, CA 94109, Phone 415-441-4000.

-----  
Date: Tue, 31 Mar 1998 21:44:47 -0500  
From: Michael Maiorana <mikemo@ibm.net>  
To: qrp1 <qrp-1@Lehigh.EDU>  
Subject: [7311] Elmer101: FAQ updated  
Message-ID: <3521AA1F.66AA@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

If you have any questions about the Elmer 101 project, please check out my web page at <http://www.qsl.net/kf4trd> for the FAQ. I updated it today with some new information, along with Glen's components database.

The kits should be here soon, so stay tuned. I'll keep the web site up to date on any changes. Make sure you hit reload to flush the cache on your browser.

Any feedback is appreciated, except of course to comment on my feeble HTML skills. (at least it loads fast ;-)

--  
72 de kf4trd  
Mike Maiorana  
Palm Harbor, FL

"And if I have prophetic powers, and understand all mysteries and all knowledge, and if I have all faith, so as to remove mountains, but have not love, I am nothing"

-----

Date: Wed, 1 Apr 1998 03:01:01 +0100  
From: "Steve Sorrell" <ap036@detroit.freenet.org>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [7312] Beta Kits  
Message-ID: <000101bd5d12\$06b101a0\$c042b3c7@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Great to work you Preston with the elmer kit. Sounded great here es I was  
using SWL SW40. Enjoy the rig. Now to find the others!  
72 de Steve, W8SFF

-----  
Date: Tue, 31 Mar 1998 22:00:30  
From: Mark Kesner <marklori@visuallink.com>  
To: qrp-1@Lehigh.EDU  
Subject: [7313] Snagged - 1 SW40+  
Message-ID: <3.0.5.16.19980331220030.24d73f88@visuallink.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I only managed to find one out of the three but snagged NN1G the second  
time I called him. The rig sounded very good here in VA. There was a  
carrier right above the QSO but it was 599 in the clear and still copyable  
through the QRM. I was using an FT757GX throttled down to QRP. After the  
QSO I found I had only been running 1 watt! The antenna is only a 30  
minute special (inverted V strung off the side of the tower by kite  
string). Glad to work one of tonights "foxes" and sorry for the sloppy  
code. I need to get my kit and spend more time "playing radio"!

Mark  
KC4GIA

-----  
Date: Tue, 31 Mar 1998 22:06:30 EST  
From: N9DD <N9DD@aol.com>  
To: qrp-1@Lehigh.EDU  
Subject: [7314] Got 'em all!  
Message-ID: <83d093c6.3521af38@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Gee, that was easy...

Congrats to all three of the Elmer 101 rig test stations tonight. You all sounded great! Chuck, Preston, and Dave were all pounding into Northern Indiana tonight with no problem.

I spotted Chuck tuning up and heard his first "QRL?". I had to wait in line a bit for Preston, but managed to nab Dave on what I think was his first call. He had to dodge some heavy QRM, but we made the QSO A-OK.

Events like this sure are fun. I hope lots of the rest of the QRP-L gang got the QRP Muskateers tonight too!

Tom N9DD  
South Bend, IN

-----  
Date: Tue, 31 Mar 1998 20:16:05 +0000  
From: Roger Hightower <n7kt@earthlink.net>  
To: qrp-l@Lehigh.EDU  
Subject: [7315] Re: NN1G, WJ2V, and K5FO SW-40+  
Message-ID: <35214F05.5C6E490C@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well, that was fun. I snagged Chuck at 0216Z near 7.045, then heard Dave, but it was rough going. Finally got him at abt 7.034 at 0306, 'way down in the mud. Right after signing, his signal came up a couple of S units. Never did hear Preston, but there was so much activity on the band he probably was hidden....I haven't done well with NY stations anyway.

Wish they were foxes, :-). Would have boosted my score.

--  
72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

-----  
Date: Tue, 31 Mar 1998 21:12:51 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Low Power Group <qrp-l@Lehigh.EDU>  
Subject: [7316] Tuesday 40+s  
Message-ID: <Pine.SOL.3.91.980331210550.22339A-1000000@GPFN1.GPFN.SK.CA>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well it was a good time....talk about a noisy band with everything on it...hi hi...I heard K5F0 and got through to him at 0232Z when he moved up to 7.045, sent him a 119 QRM, his signal sounded really good and solid.....heard WJ2V about 0245Z on 7.036 but weaker than Chuck's signal...tried & tried but suddenly the tuner uppers found us + the qsb and that was that....searched the band for Dave, NN1G, but nary a peep out here in VE5 land ...thanks guys....it was fun...72 - Bruce(VE5RC)

-----  
Date: Tue, 31 Mar 1998 22:25:35 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [7317] Wow!--A 3-in-1 Nite :-)  
Message-ID: <199803312227\_MC2-3890-A10E@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Gang:

What a mind-boggling FOX hunting evening here in southeastern MN. Snagged all three of The Three Foxateers within the first 15 minutes this evening :-). For once propagation helped.

These elmer101's sound really FB and all FOXes were easily readable here at K0EVZ. Plus the thunderstorms abated finally, and even QRN was lower than it has been the last several nights.

Am definitely sending my order for a 40-Metre version first thing tomorrow. Believe we have a definite winner. My guess they will all be snapped up very quickly now.

Congrats all three of you FOXes. And thanks for being available to really show off these exciting new rigs.

72/73,  
--Doc Lindsey/K0EVZ                    Rochester, MN--Home of the Mayo Clinic.  
MWBC  
519-16th Street SE  
Rochester, MN 55904  
507/289-5108 (eves)

-----  
Date: Wed, 1 Apr 1998 03:42:46 GMT  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-1@Lehigh.EDU  
Subject: [7318] SW-40+ session  
Message-ID: <199804010342.DAA01925@chuck.dallas.sgi.com>

Gang,

That was a hoot. I worked Dave, NN1G, at 0145 around 7.036MHz first thing. He was trying to work someone earlier, but I managed to get him for his first ever QSO on the SW-40+ and the worlds first ever 2xSW-40+ QSO.

I personally was doing pretty good until about 0234 or so after working Lynn, KJ3V and then the frequency got extra crowded.

I moved up to 7.053 or so and it was too quiet. :-)

Didn't hear Preston, but my caller ID has his number. :-)  
His was busy when I called back.

I'll get back on 40M after 0445 tonight, if the band is still alive. Then rest of week except late Thursday to see Renoir paintings in Ft Worth.

I'll post the calls later tonight or early tomorrow. Thanks for the gang trying. The rig works very well and some of you guys were pretty strong into TX tonight.

FYI

Oh, thanks Dave, NN1G, for the design of the rig, the support of the Elmer101 project, and the extra effort to get an aerial up and work some of the troops. I knew I could get him away from the workbench for awhile. :-)

dit dit

Chuck Adams K5FO Dallas,TX CP-60  
<http://reality.sgi.com/adams> adams@sgi.com

-----

Date: Tue, 31 Mar 1998 22:43:36 EST  
From: PDouglas12 <PDouglas12@aol.com>  
To: qrp-1@Lehigh.EDU  
Subject: [7319] SWL 40+ report  
Message-ID: <ba156747.3521b7ea@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Hi gang:

I had a pileup going until a QRO guy called up a CW net on top of me. Now, nets have fixed freqs, so I slid down a ways till I was back in the clear for a while and worked a few more. Then a tuner upper found me and made a good job of staying with me as I tried to slip up or down a few kc. But you guys are so good, you came in under him anyway. I was using only the 40+, without external audio filtering, just to make it more interesting, and I was copying some very weak stuff in there. All in all, the limits were my skills, rather than the 40+, which has no drift, no thumps, no bad habits, and is a clean pleasure to operate. That was fun.

Stations worked:

1. N0UR 449 JIM MN
2. N2VPK 559 MARK NY
3. VE3SP 569 RON ON
4. W0CH 449 DAVE MO 5W
5. VE2KN 449 JIM QC
6. AE4IC 569 BOB NC
7. N9DD 569 TOM IND
8. K0EVZ 559 DOC MN
9. AB5UA 529 CLIF OK
10. K4NK 449 LES SC
11. KS4HQ 559 BOB NC
12. KOCLR 459 JERRY MO
13. W5USJ 229 (CHUCK?) TX
14. K9AM 549 MARK IL
15. N9UW 579 JOHN IL
16. W2KJ 579 JOE NC
17. K8CV 559 WALT MI
18. W8SFF 559 STEVE MI

-----  
Date: Tue, 31 Mar 1998 22:58:44 -0500  
From: joel malman <malman@world.std.com>

To: qrp-1@Lehigh.EDU  
Cc: malman@world.std.com  
Subject: [7320] QSL manager for ZS9F  
Message-ID: <199804010358.AA27381@world.std.com>

Did anyone else happen to work ZS9F (probably in South Africa) this past weekend during the DX Contest. Did you catch his QSL manager? I have been checking around and can not find any info. Please help. Thanks.

/joel      wa1qvm      (Concord, Mass)

-----  
Date: Wed, 01 Apr 1998 03:00:11  
From: "KA5T Larry Wise" <lewise@inetport.com>  
To: "qrp" <qrp-1@Lehigh.EDU>  
Subject: [7321] Looking for the SW-40+ Crew - Skunked in Texas  
Message-ID: <199804010400.WAA19508@admin.inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Sure didn't hear much in Texas, thought I heard Preston about 0210 at about 39.5, but never heard the full call, just the 2, but there was a pack there and short exchanges....Spent the whole time tuning 29 to 46 with both the vertical and the dipole but no dice.....Band sounded pretty good down here too...

Must not have been my night... :-)

Larry      KA5T

Georgetown, Texas  
lewise@inetport.com

Larry      KA5T

Georgetown, Texas  
lewise@inetport.com

-----  
Date: Tue, 31 Mar 1998 22:18:24 -0600  
From: Tim Ahrens <tahrens@inetport.com>  
To: vole@primenet.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [7322] Re: Fox hunt season closes  
Message-ID: <3521C010.6DE07076@inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hey Joe, come on down, & we'll have some Salt Lick BBQ!!

It was a great year, thanks to Chuck again for the organization,  
& letting me be a Fox.. Again!! Almost as much adrenaline as  
a structure fire... well, maybe not..., but sure as heck a lot  
safer, for all parties!!

I was chuckling with W03B (Bob) about the Fox totals, and he  
said I owe him a meal for not working Mike K1MG the last time  
he was the Fox! :-)

Guess it's time to check out the verticals & mow the grass from  
around the feed points, just to make sure they'll make it another  
year.

I missed the Foxateers tonight.. sounds like lotsa folks had  
a good time, as usual. Don'tja just love 40?!!

Again, to all, thanks for the pelts & taking mine.. God willing  
I'll be back again next year to take aim!

72s all

Tim W5FN

btw, betcha if Mike hadn't been a fox, he woulda beat Floyd.  
ooooh, there I gone & said it... Time for more aluminum Floyd! hehe

-----



Date: Tue, 31 Mar 1998 22:14:07 -0600  
From: mikepaul@juno.com (Michael R. Paul)  
To: qrp-1@Lehigh.EDU  
Subject: [7323] AEA CK-1 Keyer Info  
Message-ID: <19980331.221408.9862.2.mikepaul@juno.com>

I recently bought an AEA CK-1 keyer but it didn't have any documentation with it. Does anyone have one? I am willing to pay for copying and postage.

Thanks. Mike W8MZ

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Tue, 31 Mar 1998 22:30:37 -0700  
From: gsurrency@juno.com (Gary L Surrency)  
To: qrp-1@Lehigh.EDU  
Subject: [7324] SW-40+ QSO  
Message-ID: <19980331.223037.6910.0.gsurrency@juno.com>

Gang,

I tuned and tuned, and between the tuner-uppers and QRO guys, I finally worked Dave, NN1G. If Dave could hear my HW-9 and 5w, he sure must have a good receiver in that lil rig, because he was very hard to hear in AZ. Only a 229 here.

So thanks a bunch Dave, and as they say, "The check's in the mail" for my very own SW-40+.

BTW, been working some DX on 30m with the 38S, so far this week I've worked 3D2TN and 3D2KT. I heard a 3B8 too, but he was too weak to work tonight. Ya gotta leave those radios on late at night if ya wanna work some DX. ;-)

gl to all and gn,

72,

Gary Surrency AB7MY  
S&S TAC-1(40&80m) ARK30 38S OHR100 w/KC-2 HW-9 TS-570D

QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Tue, 31 Mar 1998 21:47:12 -0800  
From: Monte Stark <ku7y@dri.edu>  
To: Larry East <w1hue@amsat.org>, QRP-L <qrp-l@Lehigh.EDU>  
Subject: [7325] Re: RS Frequency Counter Wanted  
Message-ID: <3521D4E0.9A1CC524@dri.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Larry,

I called RS today and the fellow said they didn't have any of the  
22-305's left any place in N. NV.

The he told me that the FCC made them stop making them but let them get  
rid of the ones they had. I asked him why and he said that they would do  
illegal things. I asked what illegal things and he said that they would  
"get" cell phones and were being used to clone cell phones. And that  
that was why the FCC made them get rid of all they had!!

You gets' what you pays' for I guess.....

cul,

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M  
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49  
AR QRP #150-----DM09cg-----New Washoe City, NV

-----  
Date: Tue, 31 Mar 1998 22:52:16 -0700  
From: "Timothy J. Pettibone" <tpettibo@nmsu.edu>  
To: qrp-l@Lehigh.EDU

Subject: [7326] Fox hunt season closes  
Message-ID: <3.0.3.32.19980331225216.00687c30@dante.nmsu.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang:

I've already commented about my withdrawal symptoms. The YF (the politically correct substitute for XYL) keeps asking me "don't you have a FOX hunt or something to do?" And I do hang around the shack, with the rig on, listening for the pileups of hounds chasing the foxes around 7.037 or 7.043. Actually, the fact that the FOXES miss out on two chances for pelts is the price we pay for the joy of being a fox! A joy, by the way, that I'm probably going to bypass next year so somebody else can have the fun. I've been a fox for several years and I've really enjoyed it. If I count things right I came in this year the #10 fox. Not bad for a guy with lots of QRN at the home shack and half of the fox run being done mobile.

Unfortunately I missed the April 1st "last run". We had Mr. F. W. le Klerk, ex president of South Africa on campus and I went and listened to his lecture. A real piece of history. He was instrumental in dismantling apartheid. Also got to meet him after at a reception. Although I really enjoy QRP, sometimes there are more important things to do. Peace unto you all.

Tim K5OI

-----  
Date: Wed, 01 Apr 1998 03:15:46 EST  
From: "Brian Jones" <brian\_jones@uk.ibm.com>  
To: qrp-l@Lehigh.EDU  
Subject: [7327] Fluke 85 RF-probes  
Message-ID: <199804010815.DAA132976@nss4.cc.Lehigh.EDU>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

Hi,

thanks to the folks who advertised the Fluke 85 RF probes from Radar - I picked one up while I was in the US last week. Didn't come with any paperwork though so anyone got a spec or info sheet (guess they don't have much of a user manual) they would care to share.

Apologise if this info has already been published on QRP-L, when I'm

travelling I don't get chance to read all the digests.

Thanks,

Brian G0UKB/KB8YKJ

Brian Jones  
Java Technology Centre  
HURSLEY MP 146 Ext 246896 (+44 1962 816896)  
BEJONES AT WINVMD bejones@hursley.ibm.com

-----  
Date: Wed, 1 Apr 1998 01:30:13 -0700 (MST)  
From: Paul Harden <pharden@aoc.nrao.edu>  
To: qrp-1@Lehigh.EDU  
Subject: [7328] The Cuban "Islander" Rig de C02KK  
Message-ID: <Pine.SOL.3.91.980401012053.21833A-100000@zia>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,  
Here's the email I received from Radio Havana Cuba's Prof. Arnie Coro, C02KK with the description of the "Islander" rig built by Cuban hams. And we think we homebrew! Every Cuban ham deserves a pat on the back for undertaking such heroic measures to get on the air. It should give us all a new appreciation for the next time we hear a Cuban ham with a little drift and a little chirp. It's simply the signature of one of our QRP/homebrewing bretheren.

----- Forwarded message -----  
From: "Prof.Arnaldo Coro Antich"  
Reply-To: "Prof.Arnaldo Coro Antich" <arnie@radiohc.org>  
To: na5n@rt66.com  
Subject: The Islander

Dear Paul:  
Thanks for taking the time to write such an interesting and thoughtful letter. I appreciate very much your points of view. Maybe you can kindly add a " block diagram " to illustrate it.  
By the way your pictorials are fantastic .. how do you do them,what software you use ?

#### THE ISLANDER

A practical solution by cuban radio amateurs or how to be on the air when you cannot buy oriental black boxes. Hybrid circuit with mostly defunct TV sets parts

works !

By Arnie Coro, C02KK

Several years ago an amateur in central Cuba was approached by several of his young friends to help them build their first rig. C07PR, Pedro, a telecommunications technician for the phone company, had a vast experience both with vacuum tubes and solid state circuits, plus that special gift of designing and building with whatever is available... After a few days, Pedro came out with the " Islander" prototype, a low parts count, easy to build single band transceiver ! Here is the circuit description of that little radio that has provided many cuban young and old, newcomers to our hobby ,with their first rig... and the challenge to improve it ...

RECEIVER...

It is a direct conversion, YES , a DC receiver made with vacuum tubes... The very thought of having those tube filaments fed from the AC power supply and at the same time having 80 or 90 dB of amplification made me shudder when I first talked to Pedro on the very popular here 40 meter band ! You are LOCO Pedro, I told my good friend... CRAZY, those poor kids are going to here 50 percent 120 hZ hum when they tune across the 7 megahertz band ....

Yes Arnie, you are right, it has a little background hum, but by using a small loudspeaker and small coupling capacitors... it's tolerable ! The receiver shares, in its original version, the same antenna input as the transmitter output stage, a PI network, but we soon learned to add a separate LC tuned circuit first and latter a bandpass double tuned input filter...PLUS a signal attenuator... a very primitive but effective attenuator... just a 10 k potentiometer ! For an RF amplifier stage the Islander uses a russian pentode, which is the equivalent of the popular TV IF amplifiers of the 50's... looks like a 6CB6 , for those of you that fixed TV sets 40 years ago or so...

The 6 "little spider" five, as everyone knows that tube here,has a lot of gain,

and it can be kept rather stable by a judicious choice of screen and cathode resistor values.... Noisy pentagrid converter follows ! The 6A2P... a russian 6BE6, was the first tube type used in the Islanders, later some people tried the ECH81 triode-hexode and found it works better...

The circuit of the 6A2P-6BE6 is quite straightforward... a... you guessed right... PRODUCT DETECTOR... fed from the vacuum tube VFO... and providing its audio output to the two stage audio amplifier . Audio amplifier is made with a triode-pentode tube of which plenty are locally available from defunct TV's ... the ECL82 and the 6F4P and 6F5P of east european and russian manufacture respectively provide a lot of gain . So... that's your receiver.. quite straightforward, works on 160, 80 and 40 meters by just changing the input filter and the VFO injection, it does NOT provide very good selectivity at all, but during the daytime, when the 40 meter band is used for local and regional contacts, it puts those new hams ON THE AIR !

VFO... the big problem amigos ! C07PR worked very hard to try to make a stable vacuum tube VFO... and he almost made it....

YES , ISLANDERS drift, some not too much, others are not so good, depending on who built the rig, and how close they followed Pedro's advice at first, and Arnie's C02KK later ( as yours truly became quite involved in the project, as soon as I found that it was THE way of getting all those guys ON THE AIR ! ) VFO is made with ONE of the 6 "little spider" 5 pentodes... By the way, I am sure you will like to know why the tube is locally known like that... the ZHE letter of the Cyrillic alphabet is something difficult to pronounce to a cuban - or any other non slavic for the matter - and it resembles like a little spider on the tube's carton and ... that's why it is not a 6"ZHE"5 but a 6" little spider " five !!! The VFO cleverly works at one half the operating frequency... and then it DOUBLES frequency at the plate circuit... output is via a link to the pentagrid or hexode mixer depending on which type you use... BUT... the VFO also has a second output to the transmitting chain....

Well that's the receiver... OH YES... the VFO is fed from a VR tube, a gaseous discharge voltage regulator similar to a VR-150 or VR-105... C07PR advises to use the VR105, but when building the Islander, special in the countryside, that's a very hard part to find, as old TV sets don't use VR tubes ! So people use whichever VR they can find...ZENERS ? They are only available locally for 6 to 24 volts, so they can't be used with this rig ....

#### ISLANDER DSB AND CW transmitter circuit

>From the VFO plate circuit, you pick up 7 MHz energy ( usually you must wait at least half an hour for that said 7 MHz energy to be stable enough in frequency ) and feed two diodes ( ex-video detectors from russian TV type D20 ) acting as what I like to call BALANCED AND UNBALANCED modulator ! When used for DSB, it is certainly a DSB generator... but when you want to work CW, it must be UNBALANCED...something easy to achieve with just a resistor from the +12 volts line and a switch !

The balanced modulator receives its audio from a carbon microphone capsule salvaged from an old telephone, and conveniently connected to same +12 volts with some additional filtering via biggest possible electrolytic + small ceramic dogbone from TV set IF amplifier as RF bypass ... no dogbone capacitor there... strange howls on Islander audio as RF leaks into balanced modulator you know ... So dogbone ceramic capacitor is a must ! No, disk ceramics are not locally available, so people must use the next best choice... dogbone ceramics in the 100 pf to 5000 pf range, usually rated at 300 volts or so... ( that 300 volt rating we learned the hard way, but more about that later )

The original version of C07PR's Islander ran with the carbon microphone, no MIC LEVEL control option, as he really wanted to keep things simple... later versions have audio preamps of various designs , and some even have a sort of primitive compressor.. >From the balanced modulator the DSB ( plus a little carrier leak that is always there) drives the rig's one or two transistor low level RF amplifier, which is made using whatever NPN silicon transistor is available, usually KT315's salvaged from TV's

too...

the KT315 is sort of a russian version of the 2N2222, so you understand why we use it here !

RF voltage reaches then the grid of an ex-video output amplifier vacuum tube, and there you are... about 2 to 5 watts of either DSB or CW on 40 meters and a new cuban amateur ON THE AIR ! Before I forget... keying... a little chirpy always because

of so many interactions between simple circuits, sometimes not too well shielded, first time

builder etc... BUT... ISLANDER is ON THE AIR providing that young kid from the local

junior high school or that doctor that always wanted to be a ham , or maybe the fresh out of

school electronic technician, with the fascination of their first ever rig.

YES.. they drift, and some drift badly, when the frequency determining capacitors in

the VFO are not too good... ( most of the time ), as I said they are a little chirpy...

and the receiver's selectivity makes working 40 meters at night almost impossible (although some wizards do make nighttime contacts at the low end of 7 mHz )

BUT... YES, they are ON THE AIR...

Today there are a few Islanders still on the air, and some are even still built brand

new ( with many of C07PR's and C02KK's mods ), but the trend is for all solid state

rigs centered around C05GV's and C02JA's prototype the " JAGUEY" , a design that draws a lot from Wes Hayward's Solid State Design for the Radio Amateur , and as of late, with lots of ideas coming from SPRAT, the G-QRP club magazine and QRPp from NORCAL !!!

In a future posting I will describe the " Jaguey " too  
Arnie Coro C02KK

So mi amigo Paul... here you are.. hope you like it. Feel free to use it either on the QRP-L

or elsewhere if anyone would actually care to print it.

(via NA5N)

-----

Date: Wed, 01 Apr 1998 01:38:53 -0700



From: Phil <k6ls@prolynx.com>  
To: Colorado QRP club <CQC@MTECHNOLOGIES.COM>, vhf <vhf@w6yx.stanford.edu>, qrp-l <qrp-l@Lehigh.EDU>  
Subject: [7329] test equipment homepage, again.  
Message-ID: <3521FD1D.1B847B73@prolynx.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I want to thank you all for an overwhelming response to my new web page ( <http://www.qsl.net/k6ls/test.html> ).

I have some touching up to do, but it should get you headed in the right direction.

This is what is available:

Mfg's, Dealers, Manual sources, O-scope know-how, stuff you can build, books and misc.

Feel free to take a look and let me know of stuff we can add to it. This is for all of us to use as a reference, it will work better with your input. (we're still in the 'infant' stage, got lots of growing to do)

I'm also thinking about expanding it to include some reviews and pictures of some of the more popular test pieces you all might have and recommend to others (both pro and con reviews)

--

73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org  
<http://www.qsl.net/k6ls>  
<http://www.prolynx.com/k6ls>  
DM79oq, Arapahoe County, Colorado  
ITU zone 7, CQ zone 4  
QRP-L #612    NorCal #824  
CQC #471     ARCI #8866  
WSWSS #148

-----  
Date: Wed, 1 Apr 1998 01:41:14 -0900  
From: Bruce Hopkins - KL7JAF <kl7jaf@polarnet.com>  
To: qrp-l@Lehigh.EDU

Subject: [7330] Test... Do Not Read...  
Message-ID: <v03007802b147c96923fc@[204.119.15.14]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

You just had to look, didn't you !!!

My ISP got gobbled up by a bigger ISP that was gobbled up by a bigger ISP so now I get my tech support from Louisiana ??? In their wisdom three of my four accounts have had there address changed as an April Fools joke...

Let see if this has hosed up my QRP-1 access...

Test out...

72 / 73 / oo's - Bruce - KL7JAF

"Alaska QRP Club" - Web Site: <http://www2.polarnet.com/~bhopkins/akqrp>

-----  
Date: Wed, 1 Apr 1998 05:51:38 EST  
From: Bensondj <Bensondj@aol.com>  
To: qrp-1@Lehigh.EDU  
Cc: adams@chuck.dallas.sgi.com, PDouglas12@aol.com  
Subject: [7331] Fox Report - NN1G  
Message-ID: <3a96f55b.35221c3c@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

gang-

Here's the Tuesday evening report from Connecticut- thanks to all who turned out and made it a success.

Call	Name	State
W0CH	Dave	MO
W0EVZ	Doc	MN

KJ3V	Lynn	AL
N9DD	Tom	IN
KU7Y	Ron	NV
KG8ZH	Chuck	MI
VE3SP	Ron	ONT
AA8Y0	Bob	MI
KC4GIA	Mark	VA
KJ5MG	Don	OK
N9KW	John	IL
KS4HQ	Bob	NC
KB9IUA	Kevin	IL
W2KJ	Joe	NC
WD8KQY	Gary	OH
N8VAR	Ron	OH
K4NK	Les	SC
N7GS	Mal	MT
K8CV	Walt	MI
WE6W	Ed	CA
W0CLR	Jerry	MO
AB7MY	Gary	AZ
N7KT	Roger	AZ

(Heard but not completed: W5USJ)

// The antenna was a 20M ground-plane pressed into service on 40M. Power output was 2.5 watts using the new SW-40+ (Elmer101) rig.

Chuck Adams and I worked just before 9 PM local for the first-ever 2-way SW-40+ QSO, a real kick! Murphy nearly did his thing when my keyer battery died a few minutes earlier, with no replacement in sight. A few clip leads, a little duct tape, and presto- virtually good as new!

73, Dave- NN1G

-----

Date: Wed, 1 Apr 1998 20:38:54 +0900  
 From: JUNICHI NAKAJIMA <nakaji@crl.go.jp>  
 To: qrp-1@Lehigh.EDU  
 Subject: [7332] MIZUHO info and NC38S status from JA.  
 Message-ID: <199804011138.UAA27153@apollo.crl.go.jp>  
 Mime-Version: 1.0  
 Content-Type: text/plain; charset=us-ascii

MIZUHO info and NC38S status in JA.

[MIZUHO]

Mizuho announces re-production of P-21DX.  
The CW transceiver of full-QSK 0.5W super-hets  
is covers 21100-21150. Whole units will be  
manufactured in May1998 based on advance order  
in April. This version is equipped SPKR inside.  
Optional band crystal for 21000-050, 21050-100  
are compatible to MX-15S.  
The price is 31,000YEN(1\$=130Y) w/o TAX and S/H.  
YEN is weaker than before and someone in  
US may have interest this TRX. You can see  
7MHz version P7-DX (7000-7030fixed for JA-domestic) at  
"JE2CDC's QRP RIGs page" for your reference.  
[http://www.mars.dti.ne.jp/~je2cdc/english/index\\_e.html](http://www.mars.dti.ne.jp/~je2cdc/english/index_e.html)  
(I am no relation to MIZUHO. Just one user.)

[NC38S]

Last Sunday in JA.JA-NC38S owners are gathered  
and started on the air meeting below 10120.  
Japanese domestic QSOs are mainly above 10120.  
Because of the local QRM. Thus NC38ers are rather  
isolated group with less QSO chance. Finally  
we decided to have meeting by NC38ers. We did  
many 2way-NC38S contact with great pleasure.  
Further, other station seems move to the frequency  
gradually. You can see my NC38S completed by  
kindness of Mr.Bill Jones KD7S at  
<http://www.crl.go.jp/ka/radioastro/kra-nc38s.html>

We,Japanese QRPers are looking forward to have QSO with  
you around the 10120, under the nice propagation condx.

JL1KRA, Junichi Nakajima

-----  
Date: Wed, 1 Apr 1998 04:04:57 -0800  
From: Ward Hill <w\_hill@ns.net>  
To: qrp-l@Lehigh.EDU, NBStwo@aol.com, 3038817802@mobile.att.net  
Subject: [7333] New Country  
Message-ID: <103130300b147dd7b4e59@[207.159.15.101]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I just woirked UA0FLD with my NorCal 40A and a very low dipole. Does it  
get any better that this? I think not!

72,

Ward, WA6FUH  
qrp-1 #1117  
w\_hill@ns.net  
WA6FUH@KM6PX.#NCA.CA.USA.NOAM

-----  
Date: Wed, 01 Apr 1998 08:26:22 -0500  
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>  
To: qrp-1@Lehigh.EDU  
Subject: [7334] SW40+ : Got 2 of 3 with SW40 !  
Message-ID: <3522407E.12EDD7EA@acsu.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: multipart/mixed; boundary="-----239A9A9F24DD88FECC9D9D25"

This is a multi-part message in MIME format.

-----239A9A9F24DD88FECC9D9D25  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Gang,

I QSO'ed with K5F0 and WJ2V right away last night. I had to search for a while to hear Dave, NN1G who was a solid 2,noise+.005dB,9 at my WNY QTH. I tried mightlily to get him to recognize my 1W from my SWL40 but was unseccessful.

Two out of three is not bad!!

Rig here was an SW40 feeding an Emtech tuner and K5F0 (TM?) antenna up 25 feet.

72,

Mark N2VPK Buffalo QRP Connection  
-----239A9A9F24DD88FECC9D9D25  
Content-Type: text/x-vcard; charset=us-ascii; name="vcard.vcf"  
Content-Transfer-Encoding: 7bit  
Content-Description: Card for Mark Adams  
Content-Disposition: attachment; filename="vcard.vcf"

begin: vcard  
fn: Mark Adams

n: Adams;Mark  
org: SUNY at Buffalo  
email;internet: msadams@acsu.buffalo.edu  
title: Facilities Engineer/Mechanical  
x-mozilla-cpt: ;0  
x-mozilla-html: TRUE  
version: 2.1  
end: vcard

-----239A9A9F24DD88FECC9D9D25--

-----  
Date: Wed, 1 Apr 1998 08:40:42 -0500  
From: "Doyle, Ron" <doyler@UH2297P01.DAYTONOH.ncr.com>  
To: "'QRP News group'" <qrp-1@Lehigh.EDU>  
Subject: [7335] Elmer 101; Special once in a lifetime, on the air event.  
Message-ID: <199804011339.IAA112436@nss4.cc.Lehigh.EDU>  
MIME-Version: 1.0  
Content-Type: text/plain

April Fools had a real nice start with this little 'fox hunt' put on by the masters. I made special plans and the family new this was as important as a real fox hunt if not more. The ignored me as usual.:) I even managed to get the grocery shopping done and the food put away before 02:00.

I had the Norcal 40A warmed up and ready to do. It doesn't need warm up but I figured it couldn't hurt.:) I was ready to hunt at 02:00. I started at 7043 (top end on my 40A) and worked my way down and found Preston WJ2V at 7039 with a gud clear sig. He was working the hunters hot and heavy and doing a fine job. I tried for 30 minutes to get in but just couldn't make it. Then the QRM got real bad with about a gazillion hams calling CQ right on top of him. :( Couldn't find him after that:(

I continued searching down and found Dave, NN1G at 7034. I tried several times to get in and couldn't so with reluctance I turned off the Norcal and got the big gun out. The QRP+ picked him up easy and I used the narrow filter to home in on him. I don't know if Dave could hear all the qrm or not but in OH there was a lot. The band was alive with signals. The narrow filter did a pretty good job but there was no way to knock out the guys on the same freq. Dave kept in there working the hunters in spite of all qrm. The QRP+ at 5 watts got him. This has got to be the best way to start April Fools day I have ever seen.

Both Dave and Preston sounded great. I couldn't detect any drift at all on

either rig and they sounded great. I know, I am repeating myself but they really did sound great.:)

I hunted around for Chuck, K5FO but TX is a real hard trip from Ohio that late at night and I didn't find him. To have heard all three would have been the highlight of my life. (I know, I gotta get a life).

I am looking forward to the Elmer 101 project as it gets cranked up.

72 de Ron, N8VAR  
Dayton Ohio

-----  
Date: Wed, 1 Apr 1998 06:54:21 -0700 (MST)  
From: Bob Hightower <ki7mn@dancris.com>  
To: qrp-l@Lehigh.EDU  
Subject: [7336] Rats! and Foxii  
Message-ID: <199804011354.GAA15773@user2.dancris.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Well, I missed out on the big SW40+ party last night....had to go to a dinner that had been long planned. Looks like it was great fun and the rig is a great success....can't wait to get to it.

As for the Fox, it was lots of fun being one, for the first time on the receiving end of a pile-up. Not at all like any contest or SE station, I can tell you! With the number of hunters at nearly 400, I now know why the noise level was so tremendous.

Total count of hunters I managed to pull out wasn't that great, for someone who once swore he'd not work CW, respectable. Thanks to all who gave me a chance to work them, and thanks to Chuck for dreaming this one up. Looking forward to next season as a hunter, though I don't think I'll seriously challenge Floyd NQ7X :^)

-----  
Date: Wed, 1 Apr 1998 08:57:10 -0500 (EST)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: ukii <ukii@megsinet.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [7337] Re: Advice on new rig,Yaesu 920??  
Message-ID: <Pine.OSF.3.95.980401084354.15304A-1000000@vela.acs.oakland.edu>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 31 Mar 1998, ukii wrote:

> Well, seems as if my wife has heard enough "Dag Nabit! Cant this  
> guy hear ME!" and many other much more colorful phrases coming from the  
<snip>

Now, now... Remember the creed, "A QRPer is humble." QRP ops don't complain that the "other guy" can't hear us. We almost expect them NOT to hear us and THAT is what makes the thrill of the QSO ever-so-much-more-so (any Homer Price fans out there?) delightful than a QRO contact.

In fact... if you are making a LOT of QRP contacts, you probably need to turn down the power :-)

Your new rig isn't going to help anyone "hear" you better, but you'll probably feel a whole lot better looking at a sparklin' new rig in the shack!

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics

<http://www.acs.oakland.edu/~prvalko>

-----  
Date: Wed, 01 Apr 1998 08:48:44 -0600  
From: "Rattray, Bruce" <Rattray@siast.sk.ca>  
To: "'QRP-L'" <qrp-l@Lehigh.EDU>  
Subject: [7338] 40+ night  
Message-ID: <ABB04875E11AD01191A40000F83092BE832571@STONE>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7BIT

,....just in case anyone's doing a stats thing on last night's activities, plotting signals on a map, etc...rig was Kenwood TS430S at 1 watt on the WM-2 + a delta loop apex at 48 feet, broadside N/S...and to the person who was wondering about antenna work in the coming good wx; well for sure at



this qth...trying to figure out how to change the delta to a square or rectangle on my typical no-antenna-farm-little-city-lot...HI HI.....72 -  
Bruce(VE5RC)

-----  
Date: Wed, 1 Apr 1998 09:58:36 EST  
From: Bensondj <Bensondj@aol.com>  
To: qrp-1@Lehigh.EDU  
Subject: [7339] Elmer101 / SW-40+ Enclosures  
Message-ID: <eee1a710.3522561f@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

gang-

At long last- thanks for your patience! I finally have the SW-40+ enclosures on order. They'll ship to me approximately May 1, I'll update that as soon as I have a better projection.

If you've already placed an order for one, your board kits will ship first, followed by the enclosure when it's available. I'll ship the remainder of the enclosure kit items (connectors, controls, etc) so you've got all the interconnect available right away.

Please note: If you've already sent me a check covering the enclosure option, you're all set!

Here the summary:

-----  
-----  
This offering resembles the earlier SW-series enclosure with a number of improvements.

The kit includes a customized Ten-Tec TG-24 enclosure, which measures 4.1"(W) x 4.0"(D) x 2.0"(H). It's a handsome two-tone (black/grey) finish, and is now silkscreened on both front and rear panels.

The rear panel complement has been revised with respect to its predecessor. The phono ('RCA') has been replaced with a 3.5mm (1/8") jack- this facilitates use with Iambic paddles should you wish to install a KC-1 (Wilderness) or TiCK (Embedded Research) keyer kit. The pre-existing DC power plug is replaced with a 2.1/5.5mm coaxial DC power connector. This connector is common to other QRP kit designs.

As with its predecessor, the SW+ board snaps into 4 mounting posts. Both

the new and old board versions may be installed in this enclosure- mounting dimensions have remained the same.

Interconnect to the controls and connectors comprises a set of .100" locking headers and mating housings, these are Waldom 'KK' series connectors. The enclosure kit provides preassembled harnesses- you simply cut them to length and solder to the connectors and controls. RF output is via RG-174 coax. The documentation which accompanies the enclosure kit provides illustrations and clear directions for enclosure assembly and final hookup.

Price and Schedule:

The SW+ enclosure kit is \$35 plus shipping (\$3 US and Canada). Overseas shipping is \$10 by airmail. This enclosure kit will be shipping by about May 1, but feel free to place orders now. I also have a limited supply of the SW-series enclosure kits available at \$30 postpaid (US/Canada), from stock.

-----  
Thanks & 73,

Dave Benson, NN1G  
Small Wonder Labs

-----  
Date: Wed, 1 Apr 1998 08:00:11 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [7340] HELP! Email Bombs from bjsservices.com!  
Message-ID: <199804011500.IAA14776@usr06.primenet.com>

Howdy Folks,

Terribly sorry if this is an isolated problem, but I need to know if I'm the only one being attacked (and no, I \*WISH\* this was an April Fool's joke).

Is anyone else getting bombarded by "undeliverable message" email from MAILER-DAEMON@bjsservices.com? Stuff I sent to QRP-L yesterday is being repeatedly bounced back at me from their !%@\$#^!\$@# site almost as fast as I can delete them, all clones of the original message!

The offending party (other than a very poorly maintained

mailer daemon at bjsservices.com) is:

" Message not delivered to recipients below. Press F1 for help with VNM error codes.

VNM3043: Larry McCain@LogTomb@BJSUSA

VNM3043 -- MAILBOX IS FULL "

Note that the above email address isn't even valid.

Sure hope I'm the only one suffering through this, wouldn't wish it on anyone. So... If it's just me, please ignore this. If others have the same problem, I'll send email to QRP-L admins begging they find the offending account and remove it.

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Nee!"

-----  
Date: Wed, 1 Apr 1998 09:11:41 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Joe Gervais <vole@primenet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [7341] Re: HELP! Email Bombs from bjsservices.com!  
Message-ID: <Pine.SOL.3.91.980401091011.18511B-1000000@GPFN1.GPFN.SK.CA>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Joe!.....I'm getting the same thing here....I've about worn out the DELETE key...hi hi..."This too, shall pass!"...72 - Bruce(VE5RC)

-----  
Date: Wed, 1 Apr 1998 15:23:19 GMT  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: vole@primenet.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [7342] Re: HELP! Email Bombs from bjsservices.com!  
Message-ID: <199804011523.PAA03540@chuck.dallas.sgi.com>

Joe,

You are not the only one. I have sent email to the postmaster and we will see what his response is.

Anyone that posts to QRP-L will get a bunch of these. I know.

FYI

Chuck Adams K5FO Dallas,TX CP-60  
<http://reality.sgi.com/adams> [adams@sgi.com](mailto:adams@sgi.com)

-----  
Date: Wed, 01 Apr 1998 10:28:53 -0500  
From: Michael Maiorana <mikemo@ibm.net>  
To: vole@primenet.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [7343] Re: HELP! Email Bombs from bjsservices.com!  
Message-ID: <35225D35.2A3D@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Joe Gervais wrote:

> Is anyone else getting bombarded by "undeliverable  
> message" email from MAILER-DAEMON@bjsservices.com?  
> Stuff I sent to QRP-L yesterday is being repeatedly  
> bounced back at me from their !%@\$#^!\$@# site almost  
> as fast as I can delete them, all clones of the  
> original message!

Ok, so it's not just me. I've got over 100 messages in the last 12 hrs.  
What do we do?

--

72 de kf4trd  
Mike Maiorana  
Palm Harbor, FL

"And if I have prophetic powers, and understand all mysteries  
and all knowledge, and if I have all faith, so as to remove  
mountains, but have not love, I am nothing"

-----  
Date: Wed, 01 Apr 1998 15:45:31 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: Bensondj@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [7344] Re: Fox Report - NN1G  
Message-ID: <3522611B.7856@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Dave, this was a sheer pleasure working you. Guess who was the only CA/6 call? he, hee.

Rig here was Old Drake TR-3 tuber at 4.75 watts. Antenna was my not so mundane Folded Bazooka with 300 ohm twinlead feed from balanced output of my QRP tuner.

I can't believe (but I do), you had that 20 Meter antenna put into service on 40 Meters. And at 2.5 Watts. Boy I'm glad I didn't give up on you.

And NO CW filters on this old SSB Drake!

That new rig sure works well. My hat is off to you.  
-Ed Loranger, we6w (Met you briefly at Pacificon '97)

Bensondj wrote:

>

<snip>

> WE6W            Ed            CA

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR  
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

-----  
Date: Wed, 1 Apr 1998 08:03:00 -0800 (PST)  
From: KB0VCC/1 <kb0vcc@rocketmail.com>  
To: qrp-l@Lehigh.EDU  
Subject: [7345] No SW-40+ heard in the MWV...  
Message-ID: <19980401160300.1240.rocketmail@web4.rocketmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I listened, tuned and listened some more, but didn't hear a peep from our divine three on their SW-40+'s. Was plagued with HEAVY transpolar BCI carriers, some digital stuff, and a couple of CW bug ops with their weight set to about 20:1, but the OHR-100 couldn't pick out any of the SW-40+'s from the noise. I was tempted to switch to the '990 for the filtering, but chose to remain the minimalist purist last night. Oh well, it was fun anyway. Like they say, "A bad night on the radio is still better than a good day at the office".

72!  
-Dale

```
=====
Dale Anderson           In the Mt Washington Valley
KB0VCC                  Conway, New Hampshire
QRP-L #91 / CQC #251    Grid Sq: FN43KX
ARS #234 / FISTS #3172  http://www.qsl.net/kb0vcc
=====
```

-----  
DO YOU YAHOO!?  
Get your free @yahoo.com address at <http://mail.yahoo.com>

-----  
Date: Wed, 01 Apr 1998 11:14:16 -0500  
From: "Buck, Preston D" <BuckPD@corning.com>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>  
Subject: [7346] FW: Ant question: 40m dipole fed w/ twin lead won't tune  
Message-ID: <6B137F61081DD0118DF600805FEAC5C5FF204D@SILVER.CORNING.COM>  
Content-Return: allowed  
Mime-Version: 1.0  
Content-Type: text/plain

Greetings All

Thanks to everyone who sent me a response. I think I will use RG-58 instead of the twin-lead for now. There might be more lossess but at least I will have an antenna up all the time.

Summarizing what I learned:

1. Twin lead must be kept physically away from other objects. Mine was laying on the ground, pinched in a door frame, no wonder it didn't work.
2. MJF Tuners have to have a jumper between the "wire" post and one of the "balanced line" post to bring the balun into operation. Now where did I put that manual.
3. A folded dipole would be better because its characteristic impedance is 300 ohms, giving a better match to the 300 ohm line.
4. The manager where I live gave me permission to install a 100ft tower with a tri-band yagi.

Thanks again to all who responded. The last comment is an april fool's.

73

Preston, n0g1m

<snip>,

> This weekend I built a half wave 40m dipole that is fed with RS 300 ohm  
> twin lead that I couldn't tune up at all with my MFJ-1941E tuner. I  
> couldn't get SWR below 5:1 and could barely make the needles move at all.  
>  
>  
>

-----  
Date: Wed, 01 Apr 1998 16:15:40 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: 70511.3041@compuserve.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [7347] Re: Wow!--A 3-in-1 Nite :-)  
Message-ID: <3522682C.288@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hey Doc! Congrats on your sweep. It was nice hearing your signal again.

You gave me a spot when you worked Preston but I just couldn't hear him. I worked Chuck and Dave(nearly esp/229) and kept looking

for Preston around 7038/7039 but I guess it was too much to ask from the Folded Bazooka tonight.

The Folded Bazooka will soon be in the hands of Dave Epps/AB5PC, a gift from me. (What comes around goes around, eh!). So I guess WE6W won't be quite as strong for a bit.

If I make it to this Sunday's Norcal meeting I'll be picking up a present from Bill Jones too... Some loop thingy :)

Wow, isn't this a great hobby or what!

-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR  
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

-----  
Date: Wed, 01 Apr 1998 09:27:10 +0000  
From: Roger Hightower <n7kt@earthlink.net>  
To: we6w@qsl.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [7348] Re: Fox Report - NN1G  
Message-ID: <3522086E.C6AD81BC@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I heard Ed call and make the contact. That old Drake has a very distinctive sound, and I knew who it was before I heard the full call. Boatanchors \_and\_ QRP...the best of it.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

-----  
Date: Wed, 1 Apr 1998 09:09:38 -0700  
From: Kent Torell <torell@sicom.com>  
To: qrp-l@Lehigh.EDU  
Subject: [7349] QRP TTF from Cuba  
Message-ID: <v04003a01b1480c55220e@[192.91.202.41]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I spent the evening working on my 2n2222 rig, staying late at work. So, decided to monitor radio havana. The english language broadcast was from 6



to 7 mst, and C02KK's program was on during the latter part of the hour. He packed a lot of stuff into his segment! Among other things, he talked about his operations during last week's contest, and said he is planning on being on the air for the April qrp-ttf operation, using a modified Epiphyte 2, on 40 meters. So, another dx call to look for! He also mentioned the 2222 contest.

The qrp-ttf operation is 1600 to 2400 utc, or daylight hours. In the morning, propagation from Havana supports Florida operation mostly. After 2100 hours, propagation starts lengthening, and the entire SE US should have good signals. At 2300, the signal boundary has moved out to a line from Texas to Illinois to Connecticut. This is assuming a reasonable amount of sunspots, and fairly quiet geomagnetic conditions.

One of the guys at work was explaining about Cuban internet connections. >From an article in Wired (I think), they have a single 64 kb line to miami. Arnie said he gets email, so there is a direct connection there for us ...

Kent Torell   torell@sicom.com   602-607-4852  
SICOM   7585 E. Redfield, #202   Scottsdale, AZ   85260  
AB70A   scQRPion, qrp-1 57, ARCI 9075   DM33xn   33.55 N 112.078 W

-----  
Date: Wed, 1 Apr 1998 10:32:08 -0600 (CST)  
From: jdenison@morelr.com (JOEL DENISON)  
To: qrp-1@Lehigh.EDU  
Subject: [7350] Bill, "? my accuracy"  
Message-ID: <199804011632.KAA06153@m20.morelr.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

High Gang

Bill, notwithstanding or understanding, :-) as the case may be... We got some severe t-storms here in the "true maine".... :-) A little to my east in Farmington maine the lightning set a furniture store house on fire!!! and electricity was not even hooked up to the building... (guess it wasn't grounded right)

In the southern part of this great state the wx was not adverse as Bill pointed out... but then I guess the wx decided to tackle the more self reliant part of the state... :-)

Sure brought out the need to ground antennas... I took the antenna leads off the rig and sent them flying out the window... just in case...

Have a friend, neighbor, back in Louisiana who forgot to ground his

ant "once" and sure enough he got hit... well his ant got hit... melted some elements of the quad... came down his coax and into the shack... A beautiful shack with one wall packed with ham gear... The strike blew up all but one of the different sets... including a kw amp...

well grounded here in strong, maine  
72, joel in maine in eighty degree wx yesterday!!! my, how the rivers rise...

God Bless  
Joel

WA5CVM	Gentlemen don't Cry, They QSY :-)
Joel Denison	Gentle Lady (RC Sail Plane)(049 engine - start)
PO BOX 542	40 mtr loop up 50ft
Strong, Maine 04983	QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
jdenison@morelr.com	AK/QRP 109

-----  
Date: Wed, 01 Apr 1998 16:40:39 GMT  
From: sholisky@ktca.org (Scott Holisky)  
To: qrp-l@Lehigh.EDU  
Subject: [7351] NAB  
Message-ID: <14460.4285355@ktca.org>

So where's the qrp table at the Amateur Radio Operator's Reception at NAB ?

Maybe there's no qrp ops. left in broadcast, nah I'll be there...

Scott WB0ATR

-----  
Date: Wed, 1 Apr 1998 11:48:12 -0500 (EST)  
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>  
To: qrp-l@Lehigh.EDU  
Subject: [7352] Bouncing mail  
Message-ID: <98Apr1.114819-0500\_est.10389-12796+15@hooch.cc.Lehigh.EDU>  
Content-Type: text

Folks,

There isn't anything I can do about the crazy mailer out there that's

bouncing postings back to you directly. I have removed the offending subscriber from the list, and Chuck has notified the postmaster at the site running the mailer. Hopefully they'll find the OFF switch soon...

73

Jim N3VXI

-----  
Date: Wed, 1 Apr 1998 11:56:49 -0500  
From: "Dennis Payton" <dpayton@fwi.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [7353] Tuna Tin 2 Dustcover  
Message-ID: <199804011700.MAA05843@mail.fwi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

My Tuna Tin 2 components seem to get some abuse every time I handle it so today I looked around the grocery store for something I could use for a protective cover. I saw that several brands of bottled water have ridges around them and that the 1 liter bottle is about the same diameter as the tuna tin. I took one home and cut it off two ridges up from the bottom, then cut through the first ridge in 8 places. It snaps on and off fairly easily.

Denny Payton, N9JXY

-----  
Date: Wed, 1 Apr 1998 11:10:37 -0600  
From: "J. Mullis" <jmul@iland.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [7354] HW9 station  
Message-ID: <199804011704.LAA26339@ultra.internetland.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

I have an HW9 with PSA9 power supply, HM9 wattmeter/SWR meter, and HFT9A tuner. Does not have WARC bands, with manuals. What is the going price for this station? It works and looks great. I am thinking about selling/trading this station and am wondering what the value is. Email direct if you can help, thanks.

-----  
Date: Wed, 1 Apr 1998 11:07:04 -0600  
From: "David Bixler" <DBIXLER@hs.seneca.k12.mo.us>  
To: qrp-1@Lehigh.EDU  
Subject: [7355] SWL 40+ Report  
Message-ID: <1140F734A1@hs.seneca.k12.mo.us>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Hello gang:

Yes, that was fun last night. Managed to work all three Beta SWL 40+ "foxes" in just over 7 minutes. All three were good copy here in southwest Missouri. Those rigs sounded GREAT!

I used my full five watts, but I'm pretty sure I was overpowered. I waited till the crowd died down and gave Preston a second call using a whole half watt and he heard me. Guess those 40+'s have good receivers too.

Hoping to see some postings from the three testers on how the receivers performed in real-live action.

Did have one advantage however. I listened in on Chuck talking to Dave before the start time so I knew where to tune for those two "foxes".....

Good work guys. Thats helping the Fox withdrawal symptoms a bunch!

72, Dave W0CH

David Bixler W0CH  
Seneca, MO  
QRP: Minimum power, maximum fun!

-----  
Date: Wed, 01 Apr 1998 10:27:12 +0000  
From: Roger Hightower <n7kt@earthlink.net>  
To: DBIXLER@hs.seneca.k12.mo.us

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [7356] Re: SWL 40+ Report  
Message-ID: <35221680.6901541C@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I heard Dave's "whole half-watt" here in AZ last night, about a 449.  
Pretty good for the all the qrm around.

Last night was the first time out for the new IC-706 Mk II set at 3  
watts. Receiver picked up way too much noise, so I had the OHR SCAF  
cranked down to 230 Hz to work Chuck and Dave. Couldn't have done it  
without it.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

-----  
Date: Wed, 1 Apr 1998 13:24:53 -0500 (EST)  
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Cc: eax@w3eax.umd.edu, Laurel ARC <larc-l@webtrek.com>  
Subject: [7357] FS: Exc. cond Wilderness Sierra w/80 and 40m + KC-2  
Message-ID: <Pine.LNX.3.95.980401112229.21312A-1000000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

REALLY low RX current drain. Full manuals and documentation, great  
receive, solid 2+ watts into 50 ohms. KC-2 does keyer/counter/  
wattmeter/S-meter functionality. Well-constructed, ready to go, working  
well.

Has custom KC-2 face plate. One small scuff at back of top left case.

Wilderness radio blue color scheme. Were it not that I have TWO Sierrae,  
I'd not be selling this one.

Price as kit = \$269 (2 modules) + \$75 (KC-2) + \$15 (face plate) = \$359.

Asking \$365 completely built and tested, plus shipping.

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
\* 6m 82 grids on 8w \* DXCC WAS WAC \* QRP-L #147 \* QRP ARCI #9054 \*  
\* <http://w3eax.umd.edu/~ham> \* ARRL Life Member /Laurel ARC/UMARA \*  
\*\*\* 301-549-1022 h 301-982-1015 w \*\*\* 35 wpm HF mobile CW Neon \*\*\*

-----  
Date: Wed, 01 Apr 1998 10:32:09 -0700  
From: Ken Knecht <kenk@primenet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [7358] Slowing bug down  
Message-ID: <3.0.5.32.19980401103209.007be380@pop.primenet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I'm back on the air, almost, after a twenty or thirty year pause. I have a Vibroplex Champion bug. How do I slow the dots down until I get my code speed back up? When I was last on the air I operated CW at about 25-30, now I'm lucky to copy 10-15. I tried putting several little coils of solder on the weight but it still sends dots too fast for my current speed. I can't see a way to extend the piece holding the weight. Any suggestions? More solder?<g>

I saw an article in the current \_CQ\_ about an adapter to do this for the Blue Racer but my bug is mechanically different.

Ken W9NPP

-----  
Date: Wed, 01 Apr 1998 09:45:56 -0800  
From: Jerry Parker <jparker@fix.net>  
To: qrp-1@Lehigh.EDU  
Subject: [7359] NorCal's April Meeting  
Message-ID: <2.2.32.19980401174556.006bea64@fix.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

QRPers, the April meeting of the NorCal QRP Club will be held as usual Sunday April 5th at the California Burger Restaurant, located off the Santa Rita Exit of I580 West of Livermore and East of Pleasanton. The California Burger is located in the small shopping center behind the Shell Station across the street from McDonald's Restaurant. If you are coming from Livermore, take the Santa Rita exit, and you will come to a stop light. Turn left and go over the freeway. You will come to a traffic signal. Turn left, and you will notice a McDonald's on your left, and a Shell station on your right. Take the first right turn, (about 107 yards, 2 feet and 7 1/4 inches from the intersection) and you will be in a small shopping center.

The California Burger is in the SouthWest corner of the shopping center. Look for all of the cars, you can't miss it.

If you are coming from Pleasanton, take the Santa Rita exit to your right. You will come to a traffic light. Go straight across the street, and you will see the McDonald's and Shell Station. Same directions as above.

Remember, if you have never been to a QRP meeting, this is not like all of the other meetings you go to. It starts about 10:30 and ends about 1:30 or so. No rules, no minutes, no new business, no old business, just a get together of QRPers who want to meet and share QRP information with others of like interests. Our meeting is entirely social, and those who attend always seem to enjoy themselves. If you come, bring along your latest project to share with the rest of us, we want to see and admire it, probably steal a couple of your ideas in our next project, but we will have fun!

72,

Doug, KI6DS

-----  
Date: Wed, 01 Apr 1998 17:40:37 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: n7kt@earthlink.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [7360] Re: SWL 40+ Report  
Message-ID: <35227C15.4B89@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Roger is being modes. But I do remember at the begining of the foxhunts. It was absolutely necessary to use the OHR-100 and its 4 pole xtal filter. And it wasn't tight enough!

But one day I decided to work the Fox on the DRAKE TR-3. It was tough so I went back to the OHR to finish the job. You see, the only filters in the Drake are the 2.1 KHz SSB filters. With the 1.5 KC offset of the recently acquired Drake I was not only using wide filters, but way off the FOX freq!

I got of my crying box and investigated how the Drake XMIT offset

worked. Weird! They use a parasitic Capacitor formed from about 9 inches of Coax which is shorted at transmit time... I added a 62 pF capacitor across the input to the coax and brought the offset to 600 Hz. Zerobeat with the Drake is done by ear, so if anyone wonders -- it is knowledge of your rig (Drake) offset that allowed me to get zeroed with other stations. Occasionally I'm off but I try. Now at about 600 Hz offset I'm doing OK.

There is absolutely NO WAY I could have developed my EARS without the qrp-l Foxhunt. Thanks Chuck! And thanks to all qrp-l members too, because without hunters the fox works alone...The sound of one hand clapping draws no attention.

Someday I'll figure out how to work a narrow IF filter into the rig, and that day will be like winning a bicycle race on two flat tires -- very satisfying. And I'll hear my QSO party as clear as a bell. Until then it will be brainpower DSP.

And another cup of coffee.

-Ed

Roger Hightower wrote:

> watts. Receiver picked up way too much noise, so I had the OHR SCAF  
> cranked down to 230 Hz to work Chuck and Dave. Couldn't have done it  
> without it.

> --

> 72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR  
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

-----

Date: Wed, 01 Apr 1998 17:48:20 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: kenk@primenet.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [7361] Re: Slowing bug down  
Message-ID: <35227DE3.6016@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ken, as a newcomer to Bug sending in January, this year, I too had to slow my bug down.



What I did was cut a 3/8 inch section off the end of my weightlifting barbell.

I hacksawed it as straight as possible, creating a disc. I then found a drill bit that fit the other weight properly and used that bit to drill out the center of the disc. I then drilled and tapped the edge of the disc/weight for a 6-32 screw.

The added weight has worked great ever since. I started with both weights at the very end of the reed. Now the heavier weight is all the way in next to the dit contact. Yes, the practice has paid off and I'm sending fairly consistent 3:1 code with it. Soon the smaller weight will be coming in too!

Of course the primary use of the bug is to make sending easier, not necessarily faster. But hey, it is nice to get your words out in a timely manner. Hi!

This really works.

OH! Last night I was goofing off between Fox contacts and realized that those stainless Stand-offs that are tubular could be inserted into or press-fint into another weight, brass perhaps and fit the reed too. Just find a way to drill/tap so it stays there.

Hope this helps.

-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR  
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

-----  
Date: Wed, 1 Apr 1998 10:06:34 -0700  
From: Kent Torell <torell@sicom.com>  
To: sholisky@ktca.org  
Cc: qrp-l@Lehigh.EDU  
Subject: [7362] Re: NAB  
Message-ID: <v04003a02b14823e9ac2c@[192.91.202.41]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>So where's the qrp table at the Amateur Radio Operator's Reception at NAB ?

Hmmm...just found out I have to travel to that for two days, mon and tue.

Hate travel >:-(  
>

Probably too expensive to rent a booth! So, a hospitality table, huh?

Maybe a get together supper, monday nite?

Kent Torell      torell@sicom.com      602-607-4852  
SICOM      7585 E. Redfield, #202      Scottsdale, AZ      85260

-----  
Date: Wed, 01 Apr 1998 17:50:25 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [7363] Re: SWL 40+ Report  
Message-ID: <35227E61.1603@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ed Loranger wrote:

>  
> Roger is being modes. But I do remember at the begining of  
That's Modest ----^^^^  
--  
72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR  
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

-----  
Date: Wed, 1 Apr 1998 10:03:39 -0800 (PST)  
From: KC5TJA <kc5tja@topaz.axisinternet.com>  
To: Joe Gervais <vole@primenet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [7364] Re: HELP! Email Bombs from bjsservices.com!  
Message-ID: <Pine.LNX.3.96.980401100246.8420D-100000@topaz.axisinternet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

> " Message not delivered to recipients below. Press F1 for help with VNM  
> error codes.  
>  
> VNM3043: Larry McCain@LogTomb@BJSUSA  
>  
> VNM3043 -- MAILBOX IS FULL "  
>  
> Note that the above email address isn't even valid.

If you have Telnet access, do a "whois" search on bjsservices.com and mail

their administrative AND technical contacts, and forward a sampling of the bounce-back messages you're getting. They should be able to help put a stop to the mail bombing.

```
=====
KC5TJA/6      |          -| TEAM DOLPHIN |-
DM13          |          Samuel A. Falvo II
QRP-L #1447   |          Chief Architect and Project Founder
=====
```

-----

Date: Wed, 01 Apr 1998 11:40:26 -0700  
From: tom whalen <whalen@swcp.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [7365] BUGS, GM-15  
Message-ID: <35228A1A.178C@swcp.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Fellow QRPer's,

The best way I have found to slow the old "Blue Racer" bug down, is to use just an everyday common clothes pin. I hook it to the little weight adjusting screw and stays on great. If I want to slow it down even more, I add the screw portion of a PL-259 to the top of the clothes pin. Not real fancy, but it works!!

Finishing my GM-15, and putting it into the Lansing case. Sure is a nice small package. Will have it on the air tomorrow with a little luck. Still have to do some soldering. I had a nice 10 turn pot with counter, but broke it. In the mean time, will use just a regular linear pot till I can get back to the surplus store.

Having a ball building these various kits!! Hats off to all the different manufactures, all very well designed kits. So far, I have built an OHR,Emtech and now the Small Wonders Lab rigs.

Wonder what I should try next....hmmm maybe a SST for 30 meters!

Thanks for the BW. 72, Tom WB5QYT " Have spud will travel!"

-----

Date: Wed, 01 Apr 1998 13:42:35 -0500  
From: "James R. Johns" <jrjohns@mail90.mitre.org>  
To: qrp-l@Lehigh.EDU  
Subject: [7366] Re: NAB  
Message-ID: <3.0.3.32.19980401134235.0276f978@mail90.mitre.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I'm heading out to NAB on Saturday. Gee, Svetlana will be there. Maybe I can pick up a 4CX15000. (It should last a long time running at 5W output :-)) The only problem is that it draws 562.5 Watts of filament power!

For anyone who isn't aware, the Amateur Radio Operator's Reception at NAB is scheduled for 6:00PM - 8:00PM on Wednesday, Apr 8 1998 in the Las Vegas Hilton Ballroom C.

See you in Vegas!

Jim Johns KA0IQT  
jrjohns@mitre.org

On Wed, 01 Apr 1998 16:40:39 GMT you wrote:

>So where's the qrp table at the Amateur Radio Operator's Reception at NAB ?

>Maybe there's no qrp ops. left in broadcast, nah I'll be there...

>Scott WB0ATR

-----  
Date: Wed, 01 Apr 1998 10:47:31 -0800  
From: Mighty Mik <mitymik@hooked.net>  
To: qrp-l@Lehigh.EDU  
Subject: [7367] SW-40 stupid question of the day  
Message-ID: <35228BC3.CA4D608@wenet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I've been following most of the discussion here...but i've been wondering

> what the + adds to the SW40? New features? More power out?

>

> and another unrelated stupid question...i want to build a SIMPLE

> reciever...like maybe a NE602 out at 10.7MHz into a ceramic filter  
> (which i have many of, salvaged), into a NE602 at 10.240MHz (XTAL  
> again  
> salvaged), out at 455 into a detector, and into a LM386...so what is  
> wrong with this picture?  
>  
> back to lurk mode...  
>  
> Mick  
> WD8MNV/6

it appears quoted as i didn't subscribe first.

-----  
Date: Wed, 01 Apr 1998 18:49:23 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: whalen@swcp.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [7368] Re: BUGS, GM-15  
Message-ID: <35228C33.3E8F@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

tom whalen wrote:

>  
> Hello Fellow QRPer's,  
>  
> The best way I have found to slow the old "Blue Racer" bug down, is to  
> use just an everyday common clothes pin. I hook it to the little weight  
> adjusting screw and stays on great. If I want to slow it down even  
> more, I add the screw portion of a PL-259 to the top of the clothes pin.  
> Not real fancy, but it works!!

Oooh! Oooh! And you can tape a 4x5 index card at the top and  
have it fan the air!

Great on hot summer days!

cool code.  
-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR  
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

-----  
Date: Wed, 1 Apr 1998 13:03:58 -0600  
From: ac5ez@webtv.net (Larry B)  
To: qrp-1@Lehigh.EDU  
Subject: [7369] slowing ug down  
Message-ID: <199804011903.LAA19128@mailtod-122.bryant.webtv.net>  
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII  
Content-Transfer-Encoding: 7BIT  
MIME-Version: 1.0 (WebTV)

Vibroplex now sells a slow bug attachment that will work to slow those  
dits down.  
ac5ez

-----  
Date: Wed, 1 Apr 1998 13:12:50 -0600  
From: ac5ez@webtv.net (Larry B)  
To: qrp-1@Lehigh.EDU  
Subject: [7370] slow bugs  
Message-ID: <199804011912.LAA20580@mailtod-122.bryant.webtv.net>  
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII  
Content-Transfer-Encoding: 7BIT  
MIME-Version: 1.0 (WebTV)

Paul Brock, k4msg custom makes a slow bug attachment to slow those dits  
down . You get a nickel plated brass shaft extension, a tiny allen  
wrench and two nickel plated brass weights. i bought a set from him and  
it works great.

Larry ac5ez

ps: this info was from fists Keynote issue of Nov 1996

Date: Wed, 1 Apr 1998 11:20:08 -0800 (PST)  
From: Monte Stark <ku7y@dri.edu>  
To: Larry B <ac5ez@webtv.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [7371] Re: slowing ug down  
Message-ID: <Pine.SOL.3.96.980401111904.4785B-100000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 1 Apr 1998, Larry B wrote:

> Vibroplex now sells a slow bug attachment that will work to slow those  
> dits down.

I bought one but when I got home from Dayton I saw that it was  
only for the bugs with a round arm and mine has a flat arm!

Check before you buy!

cul,

73, Ron,       SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----

Date: Wed, 1 Apr 1998 19:21:54 GMT  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-l@Lehigh.EDU  
Subject: [7372] Bug Weights  
Message-ID: <199804011921.TAA04568@chuck.dallas.sgi.com>

Gang,

I know this is a simple problem, so let me throw out one  
possible solution, which I'm sure someone has probably  
thought about more than I but I have not seen or remember  
being posted.

As many professional and amateur machinists that exist on

this list it is a wonder that someone hasn't yet come up and made a little money on the side to pay for the rest of the "stuff" we all spend money on. You know what I mean.

Wouldn't it be worth someone's time and energy that had the equipment to market/sell/trade/barter/... custom made addon weights for bugs? How complicated can it be? Also replacements for those weights that are typically missing or abused for bugs found at fleamarkets and swapmeets.

And in the group of individuals that do this stuff, send me email offline about Sherline Products or others if you use same. Thanks in advance.....

I see where the March/April issue of The Home Shop Machinist has part 2 of the Telegraph Key article.

FYI/Film at 11/dit dit (with weight detached)

Chuck Adams K5FO Dallas,TX CP-60  
<http://reality.sgi.com/adams> adams@sgi.com

-----  
Date: Wed, 01 Apr 1998 11:36:51 -0800  
From: Monte Stark <ku7y@dri.edu>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [7373] New Country, H40AA  
Message-ID: <35229753.F6AB328E@dri.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi All,

1 April 98 1900z

21024 listing up 2-5 khz.

Operator is Wayne, N7NG. One of the very best!

I worked him with 5w! :-)

Here is how I did it.....

I listened to how he was working stations. (I had already worked him with 100w so no pressure to get it overall!)



He was going up about 500 hz each call.

I got where I thought he would be listing the next time and sent KU7Y/QRP. He came back "QRP? 599" I sent "R 599 NV de KU7Y/QRP" He came back "R KU7Y/QRP gl Ron"

This was all at 35 wpm which is about what he was sending.

Don't be afraid of the big pile ups. Just figure out how to out smart the other stations! :-)

OK, now I'll go do the happy dance..... :-)

I knew I stayed home for a reason today!

cul,

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M  
QRP ARCI #8829-----NorCal #330-----QRP-L #17-----ARS #49  
AR QRP #150-----DM09cg-----New Washoe City, NV

-----  
Date: Wed, 01 Apr 1998 14:52:33 -0500  
From: jim <kw3u@warwick.net>  
To: qrp-l@Lehigh.EDU  
Subject: [7374] swl rpt on swl-40  
Message-ID: <35229B01.6D7D@warwick.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Info for those tracking:

Heard k5fo with 449 signal in northeast pa.  
at 0215z 7045.....and maybe heard wj2v at 7040  
but 229 at best.... end of report 72 Jim

-----  
Date: Wed, 1 Apr 1998 15:01:08 -0500  
From: "Kevin F. Glynn" <kfglynn@prodigy.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [7375] How to lower power on Alinco DX-70?

Message-ID: <199804012003.PAA27534@pimout2-int.prodigy.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Hi gang,

A friend of mine has the Alinco DX-70 (think that's the model #), and would like to know how to lower output power via front panel pot to QRP levels. By default the rig's minimum output is 10 watts.

If anyone has experience with the rig please do me a favor and reply directly (on digest mode).

Thanks for the help.

72 Kevin N2TO  
Brooklyn, NYC  
kfglynn@prodigy.net

-----  
Date: Wed, 1 Apr 1998 13:15:01 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [7376] QRPTTF Operator Hit List/Ops Wanted  
Message-ID: <199804012015.NAA01689@usr04.primenet.com>

Howdy Folks!

April is NorCal QRPTTF Month! Recent archeological digs have discovered artifacts which prove that even the ancients of Mesopotamia knew it, and every April got on the air. You know that supposed ancient battery they discovered? Yep! They found a Pixie on the other end! QSL-ing with those clay tablets became a real pain though.... :)

Here's the list of planned QRPTTF ops (border, DX, or otherwise). Looks like a great lineup! What we'd REALLY like to see is all 50 states (and as many DX ops as possible) sign up, whether you'll be in the field, on a border, or sitting in the home shack.

Anyone planning to operate from some of the more rare states (border or not!), such as ND, SD, NE, AK, HI,

MT, WY, DE? How about the Great Lakes/Midwest states?  
Please let me know and I'll add you to the list!

April 25th is the day! Should be a great chance for  
folks to work on QRP WAS and 2xQRP WAS!

States/DX Represented So Far:

AZ CO CT ID FL GA KS LA MA ME MO MS NC NM NV NY OK RI SC TX UT / Cuba Mexico

Border Ops (Many have more than one op, callsigns to follow soon!)

-----

AZ/CO/UT/NM -- Jay (WA5WHN) and Gang (Special event callsign: N4C)  
RI/ME -- Joel (WA1QVM)  
NM/TX/XE -- Paul (NA5N), Duffey (KK6MC/5)  
TX/OK -- Chuck (K5FO)  
OK/MO/KS -- Joe (KW5OK)  
AZ/NV/UT -- Bruce (N7CEE)  
NC/SC/GA -- Les (K4NK)  
NC/SC/GA -- Sam (AE4GX)           Going to bump into Les, maybe?  
ID/UT/NV -- Charlie (WA2IPZ)  
MA/CT/RI -- Peter (KA1AXY)  
MS/LA -- Tom (AC5JH)  
CT/NY/MA ??? -- Zack (W1VT)       C'mon Zack, you can do it! :-)

DX

--

Cuba           -- C02KK

Other

-----

UT -- Bob (KI0G), bordering the Ute Nation  
FL -- Bob (N4BP), bordering the Conch Republic       Special QSLs, Bob?  
CO -- Rick (K0SU), on the Edge of Sanity

That's it so far! Please update me as needed, I'll be  
posting an updated "Hit List" every week!

Cheers de AB7TT,

-Joe, vole@primenet.com, QRPTTF Contest Manager, NorCal,  
AZ ScQRPions, and many other fine, furry groups.

"Did I mention the wind?"

-----  
Date: Wed, 1 Apr 1998 11:17:58 -0900  
From: Bruce Hopkins - KL7JAF <kl7jaf@polarnet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [7377] FS: 38 Special / Ten-Tec ARG0 556 / HTX-100 / etc...  
Message-ID: <v03007800b14848934c6d@[204.119.15.33]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

It finally got to the point around here that I either had to build a bigger cabin or stop buying gear, so I did the only sensible thing, I built on an annex to the cabin... The annex is now full so it is time to clear some space for new and future projects...

NORCAL 38-Special... Bet you thought they were all gone... Well I have one still in the bags in kit form as received from NORCAL... I know that many are looking for one of these so to be fair I will take names for the next 24 hrs. and draw a name out of the hat... Price for this is the same as I paid... \$25 plus \$3 shipping via Priority Mail within the USA...

Ten-Tec ARG0 556 - QRP version of the Scout... Includes factory installed noise blanker, hand microphone, and band modules for 80/40/20/10M... Works perfect & 9.8 on cosmetics... One barley visible rub on the case... First \$400 takes it plus \$5 shipping via Priority Mail in USA...

HTX-100... The sunspots are coming and 10 meters is already active in the lower latitudes... This rig has high and low power settings 25/5 watts and works SSB and CW... It is in very nice condition and works perfect... Includes hand mic... \$150 OBO plus \$5 shipping via Priority Mail in USA...

Uniden BC-700A 12 band scanner... Includes 800 Mhz... In like new condition... New \$179 will sell for \$125 OBO plus \$5 shipping

Shipping outside of the USA can be accommodated on a cost basis... Any questions please reply direct... MY ISP is doing a major system overhaul today so my mail may be a little slow... Thanks for the BW, take care and have fun...

72 / 73 / oo's - Bruce - KL7JAF

"Alaska QRP Club" - Web Site: <http://www2.polarnet.com/~bhopskins/akqrp>

-----  
Date: Wed, 01 Apr 1998 12:52:02 -0800  
From: Vic Rosenthal <rakefet@rakefet.com>  
To: adams@chuck.dallas.sgi.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [7378] Re: Bug Weights  
Message-ID: <3522A8F2.6A6A0C5E@rakefet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Chuck Adams wrote:

>  
> Wouldn't it be worth someone's time and energy that had the  
> equipment to market/sell/trade/barter/... custom made addon  
> weights for bugs? How complicated can it be? Also replacements  
> for those weights that are typically missing or abused for  
> bugs found at fleamarkets and swapmeets.

There's a guy that DOES make these things. I don't know how serious of a business it is, though, so rather than give his name I'll forward your message to him. If he's interested, I'll post his name/address, etc.

Vic K2VCO

-----  
Date: Wed, 1 Apr 1998 16:10:00 -0500 (EST)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: Joe Gervais <vole@primenet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [7379] Re: QRPTTF Operator Hit List/Ops Wanted  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 1 Apr 1998, Joe Gervais wrote:

>  
> FL -- Bob (N4BP), bordering the Conch Republic      Special QSLs, Bob?  
Slight change of plans.. Turns out the FL QSO Party is the same weekend,  
so W40VU and I are gonna mobile up and down FL and give out counties.

For borders, we probably will stop on several county lines...

73,

Bob Patten, N4BP ( 0 0 ) Plantation, FL

-----o00o-( )-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

-----  
Date: Wed, 1 Apr 1998 15:07:57 -0600  
From: "David Bixler" <DBIXLER@hs.seneca.k12.mo.us>  
To: vole@primenet.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [7380] Re: QRPTTF Operator List  
Message-ID: <1545065305@hs.seneca.k12.mo.us>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Joe: I knew that I should have answered your post last week.....  
Guess promptness isn't one of my better traits.

I see that Joe KW50K has allready spoken for the OK/MO/KS spot so  
probably I'll head for the local Taco Bell! Hmmmmmm, the local  
Dairy Queen in Seneca is only a stones throw from the OK/MO line.  
How close did you say we need to be from the border????

By the way, KW50K if you need any assistance there, let me know. I  
have scoped out the site and you will have a good one. It's on the  
end of a dead end road and there are antenna opportunitites with trees  
there and you can get a wire running over top of the stone monument.

72 and good luck Dave

David Bixler W0CH  
Seneca, MO  
QRP: Minimum power, maximum fun!

-----  
Date: Wed, 01 Apr 1998 21:18:59 -0800

From: "Barnaby J.O'Leary" <barnaby@ap.net>  
To: qrp-1@Lehigh.EDU  
Subject: [7381] Shack Cleaning  
Message-ID: <35231FC3.52E3@ap.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I'm Cleaning out the shack and the following is for sale.

1- Icom R71A Receiver with Passband tuning, wide bandwidth AM, Narrow SSB,

500 HZ CW Fltr, FM option, wireless remote control, D.C. option, serviced by

Icom 18 months ago. Condition: Good to Very Good. Price \$675

1- Icom R71A Receiver, with 500 HZ CW Fltr. Condition: Good to very Good. \$575

1- Kenwood 450S/AT with second SSB Fltr. and both 500 HZ CW. Filters and voice synth.

Condition: Very clean. Price \$1050.

1-Alinco DX70T HF XCVR. HF 100 Watts, 6 Meters 10 Watts. Very Clean. Price \$725.

Barnaby J. O'Leary KQ6EX

-----  
Date: Wed, 01 Apr 1998 15:25:12 -0600  
From: Mike - W0TMW <crucis@sky.net>  
To: kenk@primenet.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [7382] Re: Slowing bug down  
Message-ID: <3522B0B8.E30D439F@sky.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I got a brass 1/2" bolt/nut and put that on the end next to the standard square weight. Looks hokey, but it works.

Mike - W0TMW

Ken Knecht wrote:

>  
> I'm back on the air, almost, after a twenty or thirty year pause. I have a  
> Vibroplex Champion bug. How do I slow the dots down until I get my code  
> speed back up? When I was last on the air I operated CW at about 25-30, now  
> I'm lucky to copy 10-15. I tried putting several little coils of solder on  
> the weight but it still sends dots too fast for my current speed. I can't  
> see a way to extend the piece holding the weight. Any suggestions? More  
> solder?<g>  
>  
> I saw an article in the current \_CQ\_about an adapter to do this for the  
> Blue Racer but my bug is mechanically different.  
>  
> Ken W9NPP

--

```
=====
Mike Watson, W0TMW           QCWA Mbr# 28651, MidContinent Chapter #35
Raymore, Missouri, USA      Grid: EM28st, ARS# 352, QRP-L# 1849
http://www.sky.net/~crucis   E-mail: crucis@sky.net
=====
```

-----

Date: Wed, 01 Apr 1998 15:55:15 -0600  
From: Tim Ahrens <tahrens@inetport.com>  
To: qrp-l@Lehigh.EDU  
Subject: [7383] qrpp with Icom 706MK II  
Message-ID: <3522B7C3.934C28D6@inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi All - through the menu program I can get the box down to about  
2.5/3 watts, but I'd like to go a bit lower.

I tried hooking up -9v through a pot into the alc connection on  
the back, and it appeared to drop the power, but extremely touchy,  
and the power didn't stay steady.

Any hints?

Thanks,

Tim W5FN



-----  
Date: Wed, 1 Apr 1998 22:05:58 GMT  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-1@Lehigh.EDU  
Subject: [7384] Elmer101: Chebyshev 5-element Filters  
Message-ID: <199804012205.WAA05194@chuck.dallas.sgi.com>

Gang,

March 26th posting by Paul Harden on low pass filters prompted this posting. In fact, so that I don't have to type in the graphics again, here is Paul's rendition of the Five Element Chebyshev Filter as used by Dave Benson, NN1G, in the NE4040 and SW-40+:

-----cut here-----

<From Paul Harden, NA5N>

For those who don't have the schematic of the OUTPUT FILTER ...

```
RF from PA ---C36---+---- L3 ---+----L4 ---+-----> to antenna
                   |           |           |
                   C37         C38         C39
                   |           |           |
                   gnd         gnd         gnd
```

C36 is a 0.1uF and is a simple coupling cap, that is, blocks DC from the final transistor (PA) from the filter components.

L3,L4 and caps C37, C38 and C39 for the output filter, which is basically TWO low pass filters glued together (hopefully with solder!).

The values are:

L3, L4 = 1uH (16 turns on a T37-2 toroid)

C37,C39 = 470pF

and C38 = 1000pF

-----cut here-----

At the desired frequency of operation, if you will make the impedances  $XC(37)=XC(39)=50\text{ohms}$ ,  $XL(L3)=XL(L4)=50\text{ ohms}$ , and  $XC(38)=25\text{ ohms}$  to get 50 ohms to 50 ohms impedance match. You can see why C38 has

twice the capacitance of C37 or C39.

Here is a table for L and C values that will give you 50 ohm reactance at each of the most popular QRP frequencies.

Freq [MHz]	L [uH]	C [pF] for end caps and double value for center
-----	-----	-----
3.560	2.23	894.1
3.710	2.14	857.9
3.579	2.22	889.3
7.040	1.13	452.1
7.110	1.11	447.7
10.106	0.78	315.0
10.116	0.78	314.6
14.060	0.56	226.4
18.080	0.44	176.0
21.060	0.37	151.1
24.910	0.31	127.8
28.060	0.28	113.4

Now the C values are not exactly off the shelf standard values, so you try for the closest you can get. Let's use the 40 meter frequency of 7.040MHz for an example. Dave chose 470pF for C37 and C39 and 1000pF or 0.001uF for C38 and L3=L4=1.02uH. This because 390pF is close on the low end and 470pF is closer to the desired value of 452pF and 0.001uF is closer than 820pF for C38. See Paul Harden's book for the standard capacitor values. (Paul, I'll get the commission check later. :-)) These values are also the same values recommended by Wes Hayward in the SSD book. (Solid State Design for the Radio Amateur an ARRL book)

For the inductors, we get for the two popular toroid sizes used in QRP work and the two most popular cores:

#### TOROID SIZE and TYPE

Core -->	T37-2	T37-6	T50-2	T50-6
# turns	[uH]	[uH]	[uH]	[uH]
1	0.00	0.00	0.00	0.00
2	0.02	0.01	0.02	0.02
3	0.04	0.03	0.04	0.04
4	0.06	0.05	0.08	0.06
5	0.10	0.08	0.12	0.10
6	0.14	0.11	0.18	0.14

7	0.20	0.15	0.24	0.20
8	0.26	0.19	0.31	0.26
9	0.32	0.24	0.40	0.32
10	0.40	0.30	0.49	0.40
11	0.48	0.36	0.59	0.48
12	0.58	0.43	0.71	0.58
13	0.68	0.51	0.83	0.68
14	0.78	0.59	0.96	0.78
15	0.90	0.67	1.10	0.90
16	1.02	0.77	1.25	1.02
17	1.16	0.87	1.42	1.16
18	1.30	0.97	1.59	1.30
19	1.44	1.08	1.77	1.44
20	1.60	1.20	1.96	1.60
21	1.76	1.32	2.16	1.76
22	1.94	1.45	2.37	1.94
23	2.12	1.59	2.59	2.12
24	2.30	1.73	2.82	2.30
25	2.50	1.88	3.06	2.50
26	2.70	2.03	3.31	2.70
27	2.92	2.19	3.57	2.92
28	3.14	2.35	3.84	3.14
29	3.36	2.52	4.12	3.36
30	3.60	2.70	4.41	3.60

Dave went for the 16T on a T37-3 for a value of 1.02uH.  
He uses 1.00uH in print and that is close enough due to variations  
from core to core on the A(L) value.

I did a quick SPICE simulation and here is my first recommendation  
for a SW-40+ mod. You knew the mods were coming, didn't you?????  
Add one more turn to L3 and L4, thus 17T, and this will increase  
the second order attenuation by an additional 4dB without  
significant penalty at the fundamental. And I even modeled in some  
additional distributed capacitance due to packed turns and it  
seems to be for the good in this case. I get 34.85dB down at  
14.080MHz for 17T vs 30.79dB down for 16T. Now as soon as some of  
the people get theirs built and can get them to a lab with a  
high-dollar spectrum analyzer they might take the time to try it  
both ways and tell me if there is any difference. Probably not enough  
to worry about, but it would be interesting to look at theory vs  
real data. The SW-40+ etc. all work great as designed and built  
from the instructions, so this recommendation may be ignored.  
Due to other factors yet to be studied (see below) the input  
impedance of the final PA may influence this effect.

Now those that are going to move their SW-40+ rigs to the Novice

frequencies on 40M will start to ask questions on what mods do they need to do? The answer is none, as the filter is not critical for the small change from the low end of 40M to the higher end.

In the latest issue of QRP ARCI Quarterly you will see a graph of attenuation curves from a bunch of filter values that I took from all the W1FB books and Dave's filter. NN1G's is the solid curve. :-) ;-) The only one that beat it was the theoretical maximum. Good job Dave. I'll try to put the curve on the web page for the Elmer101 notes later on Friday.

Those of you that went to the trouble of getting SPICE up and running on the computer can check out what happens when you vary some of the values. I'm working on a series of what happens on the input side due to input impedances not being purely resistive and 50 ohms. Also what happens on the antenna side for variations also. So much data and so little time. :-)

One more thing to look at is relative to postings that I see where people 'squeeze' the windings together for these type filters and see power output increase from a rig into a dummy load. Personally, IMHO, this is a dangerous practice. Into a dummy load, the second and third harmonics (which may increase) contribute to the forward energy detected by the SWR bridge and or power meter. BUT, into a real antenna you may see the reflected power increase at the same time, thus showing that the effect is not what you really want. Again, this is something else to experiment on. Remember, mileage may vary. You have to take lots of data and that's what makes it all interesting and challenging.

For those that like to read:

"Ferromagnetic-Core Design & Application Handbook" by Doug DeMaw, W1FB, published by MFJ Publishing Company, Inc. Starkville, MS 39759, MFJ-3506, \$19.95

"Simplified Practical Filter Design" by Irving Gottlieb, published by TAB Books, Blue Ridge Summit, PA 17294-0850, ISBN 0-8306-3355-3, \$16.95. (This one I picked up for \$8.48 at Half-Price Books)

and of course the ARRL HB and Paul Harden's book.

This posting may be distributed and published in newsletters without having to send me email as long as it is not modified and you make sure not to introduce typos. I have enough of those anyway. :-)

FYI

Chuck Adams K5FO Dallas, TX

CP-60

<http://reality.sgi.com/adams> adams@sgi.com

-----  
Date: Wed, 1 Apr 1998 22:22:39 GMT  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-l@Lehigh.EDU  
Subject: [7385] Re: Elmer101: Chebyshev 5-element Filters  
Message-ID: <199804012222.WAA05432@chuck.dallas.sgi.com>

Make that T37-2 instead of T37-3. Sure it's only one of many  
typos.....

Chuck Adams K5FO Dallas,TX CP-60  
<http://reality.sgi.com/adams> adams@sgi.com

-----  
Date: Wed, 1 Apr 1998 18:03:47 EST  
From: Bensondj <Bensondj@aol.com>  
To: qrp-l@Lehigh.EDU  
Subject: [7386] Elmer 101- Kits are shipping  
Message-ID: <135dc665.3522c7d6@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

gang-

I received the SW-40+ boards this afternoon- 2 days ahead of the projection.  
:-)

Away we go! I got a limited number of kits shipped to the 'early birds' this  
afternoon, more to follow starting tomorrow and in greater quantities.

Thanks for your patience, everyone!

73, Dave Benson, NN1G

-----  
End of QRP-L Digest 1047

\*\*\*\*\*  
-----